

1/33

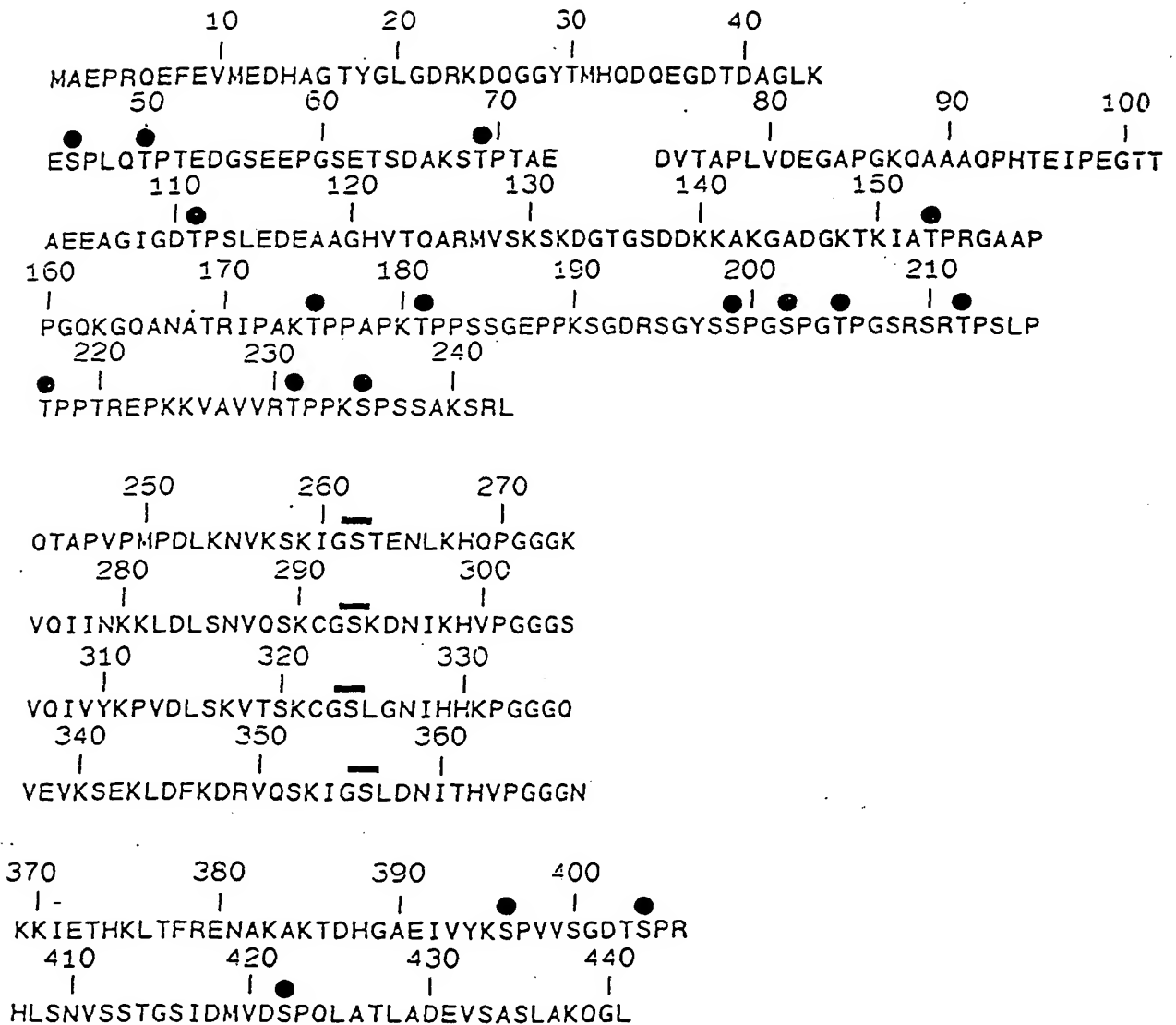


Fig. 1 a

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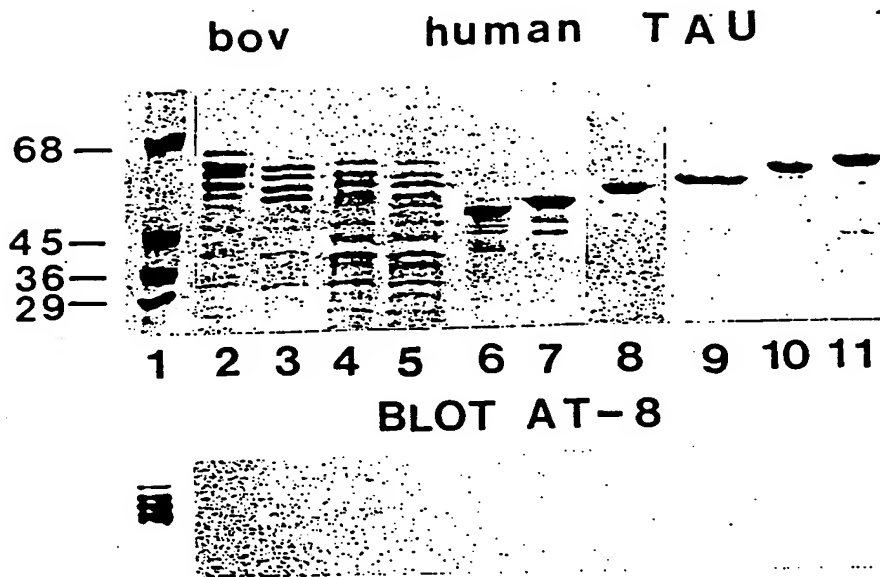


Fig. 1b

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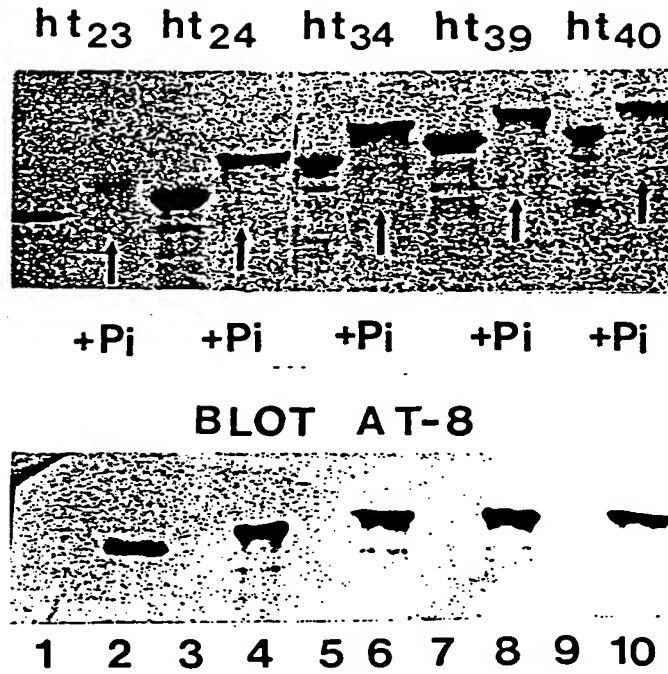


Fig. 2

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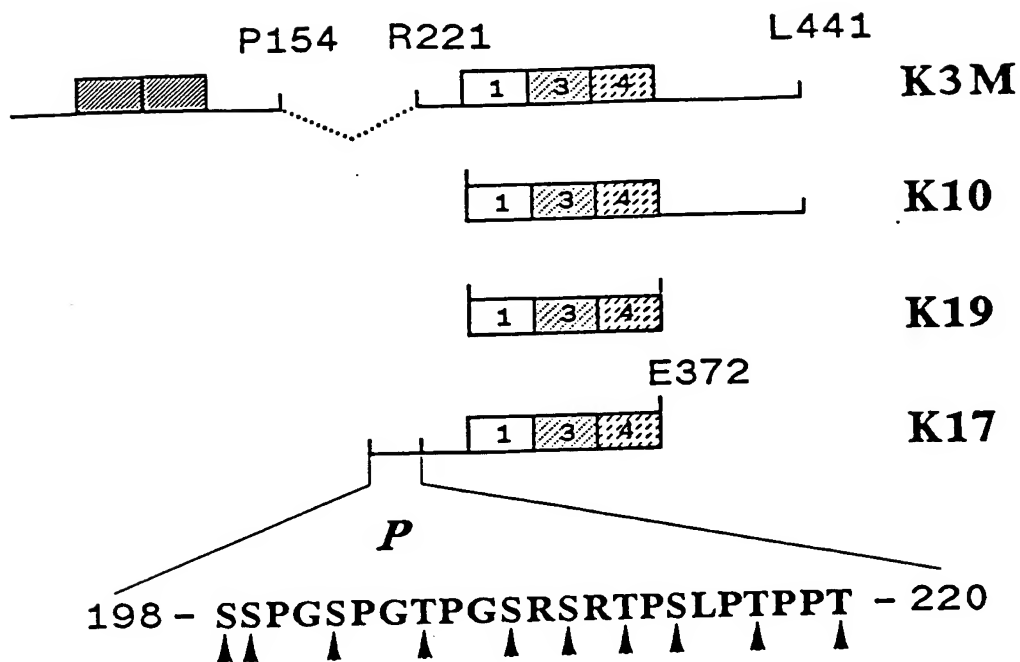


Fig. 3

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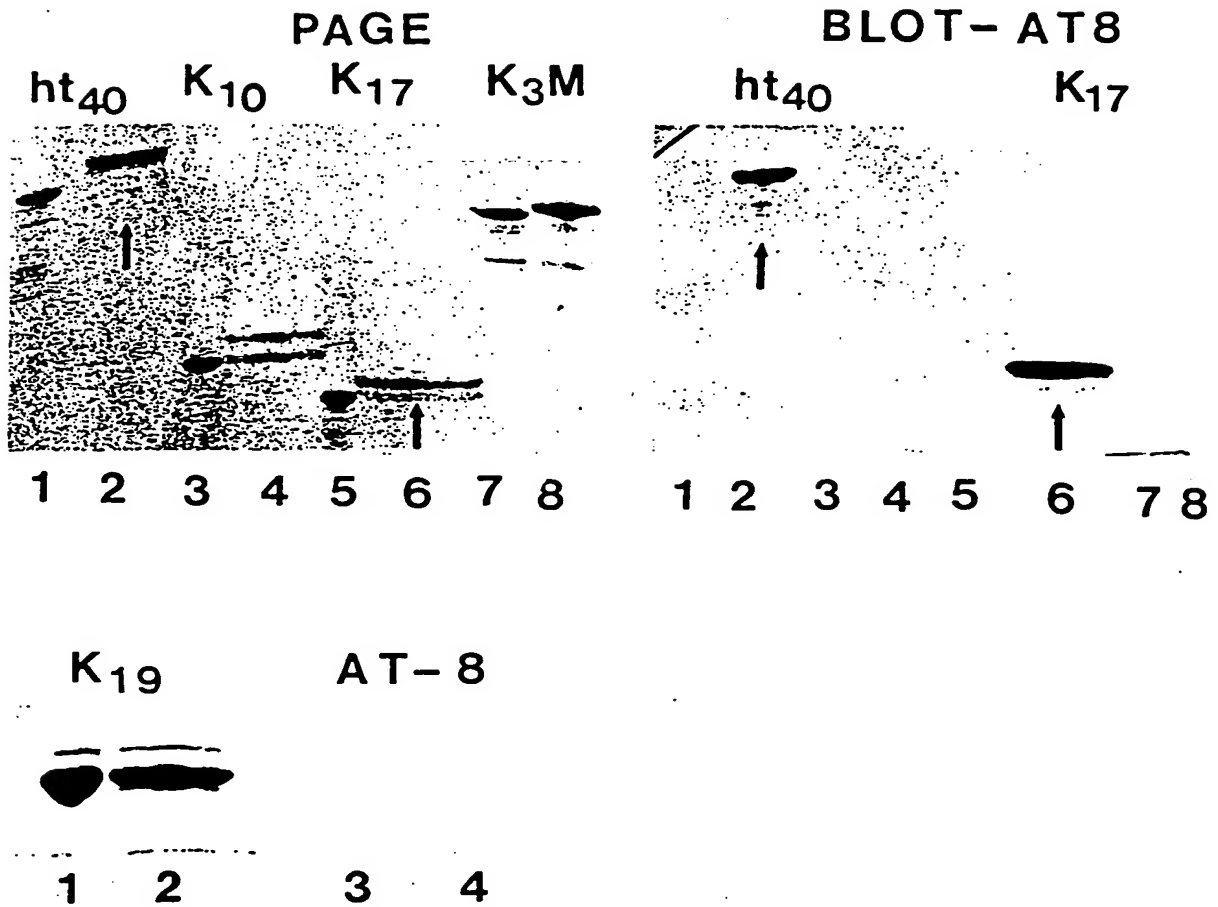


Fig. 4

htau 23

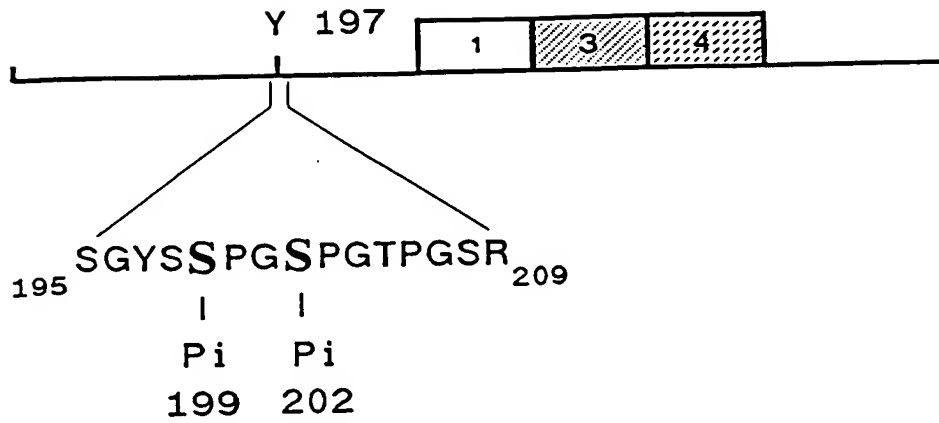


Fig.5

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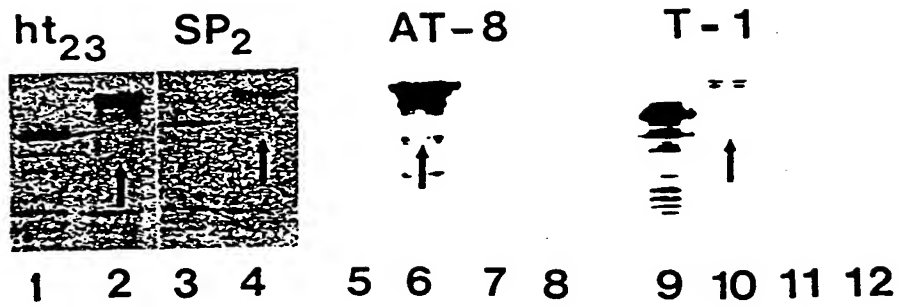
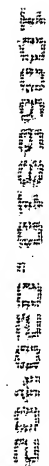
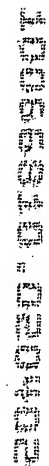


Fig. 6



SECRET

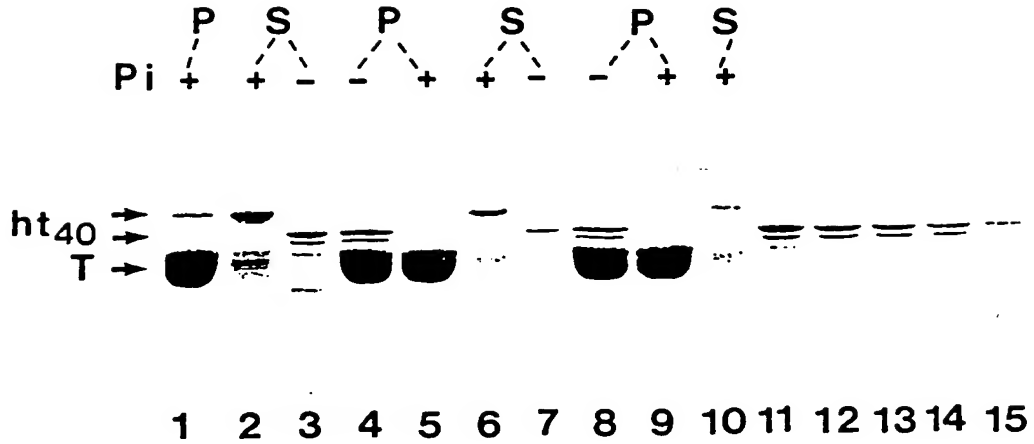


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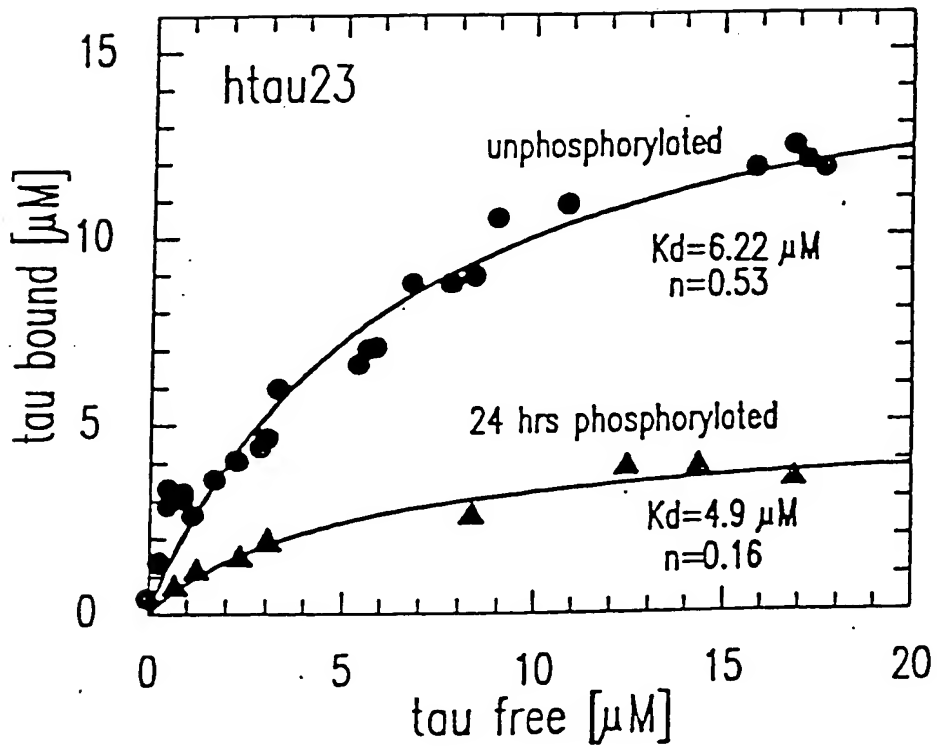
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Fig. 9

a)



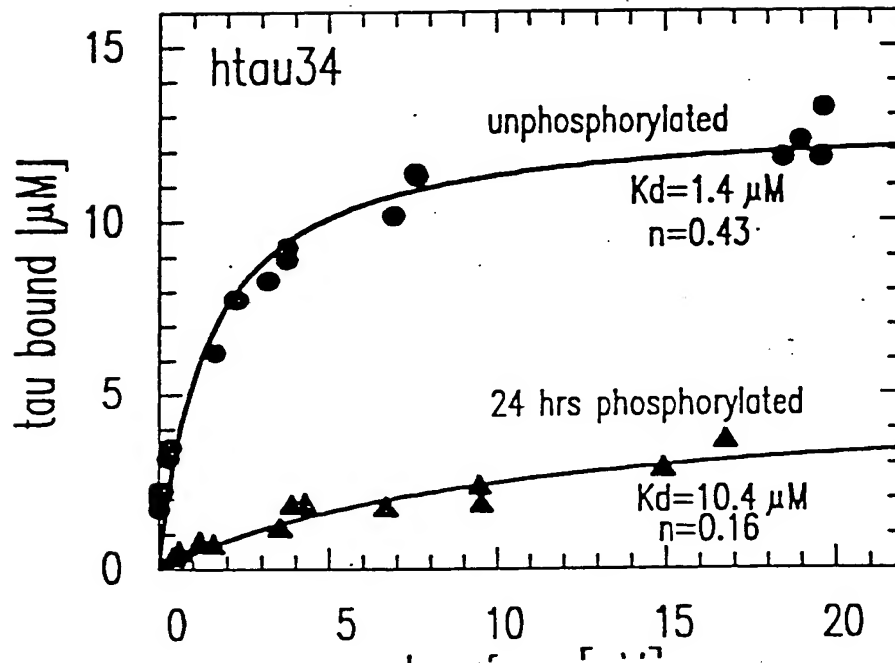
b)



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Fig. 9

c)



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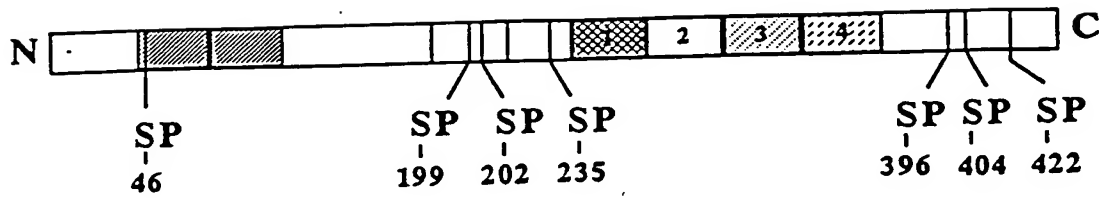


Fig. 10

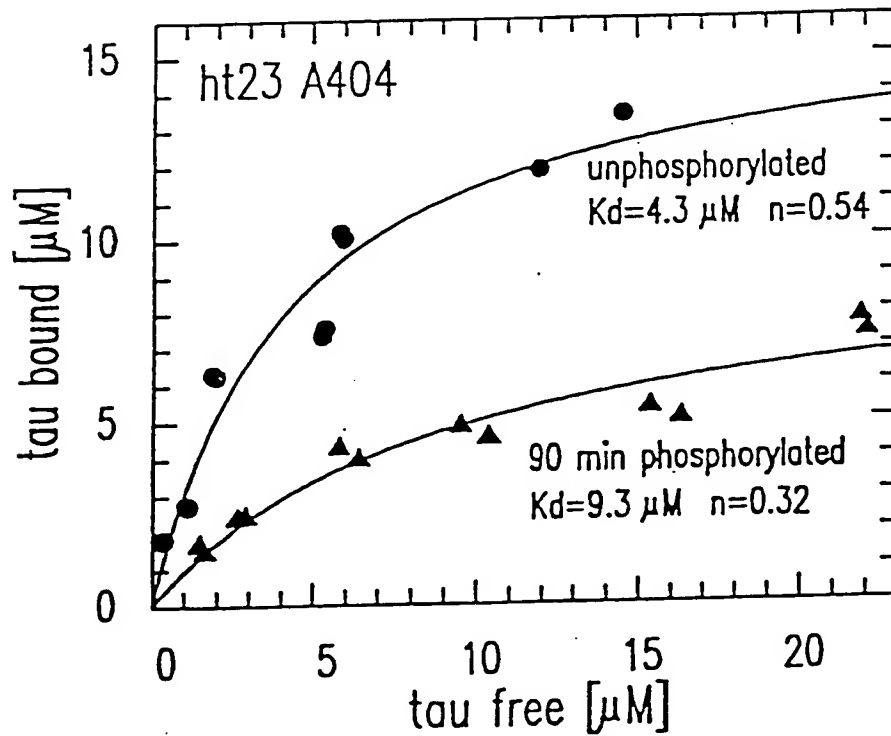
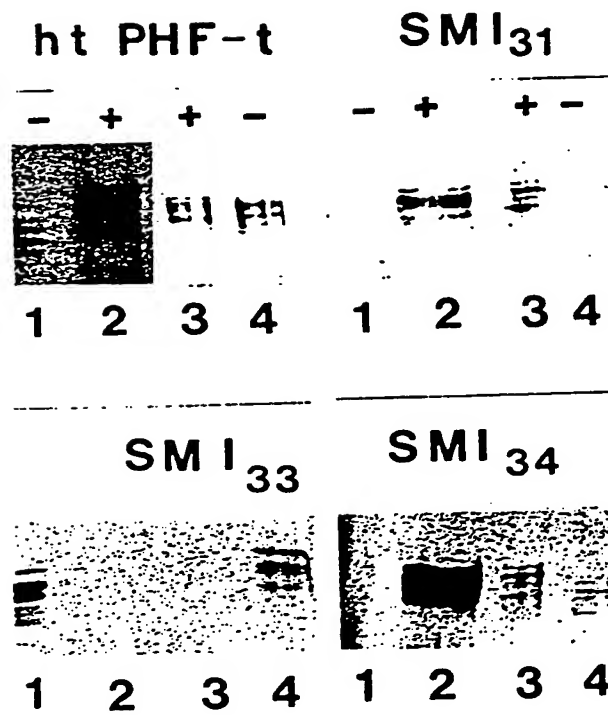


Fig. 11

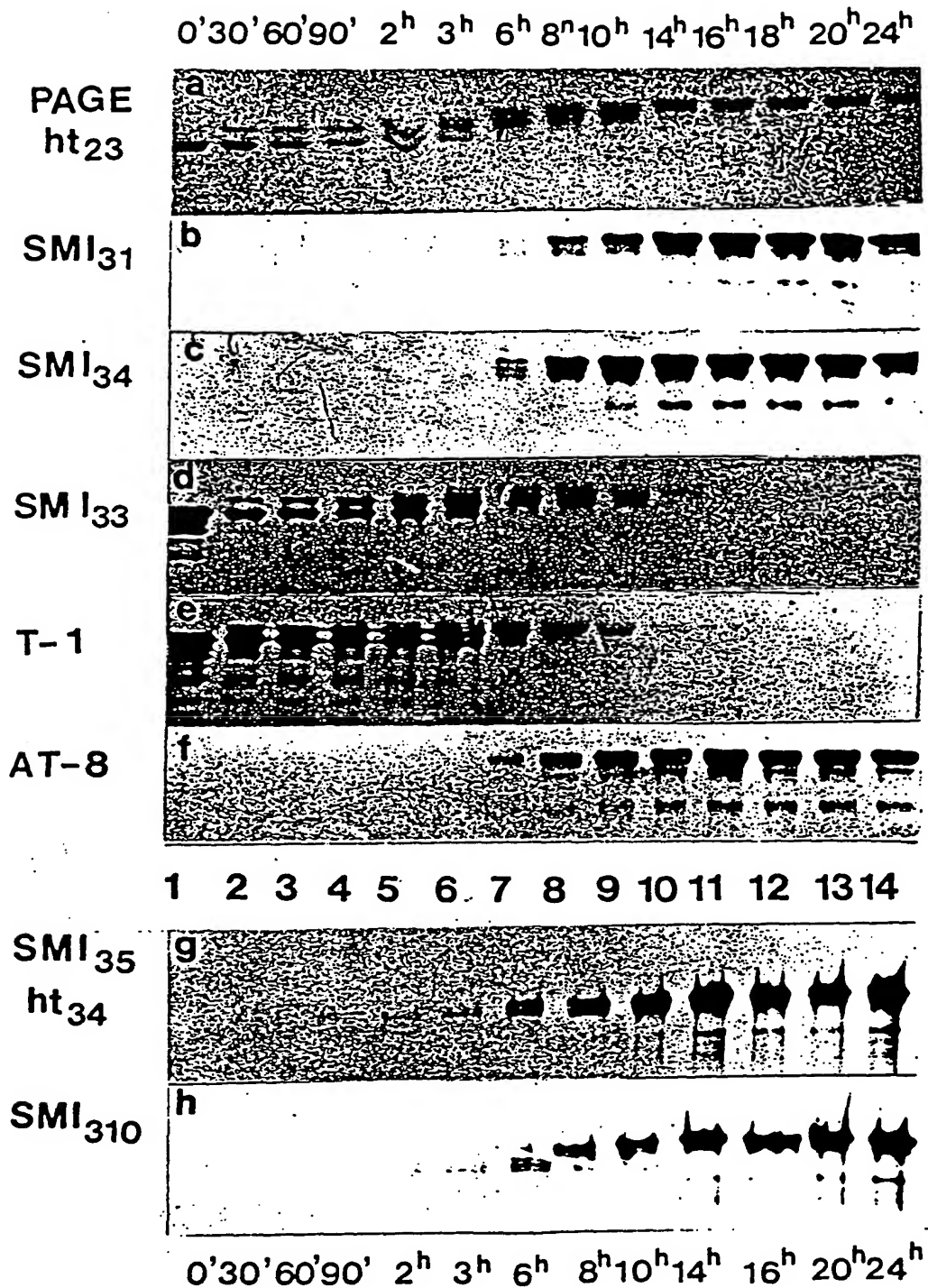
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Fig. 12



11A/33

Fig. 13



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 Fig. 14

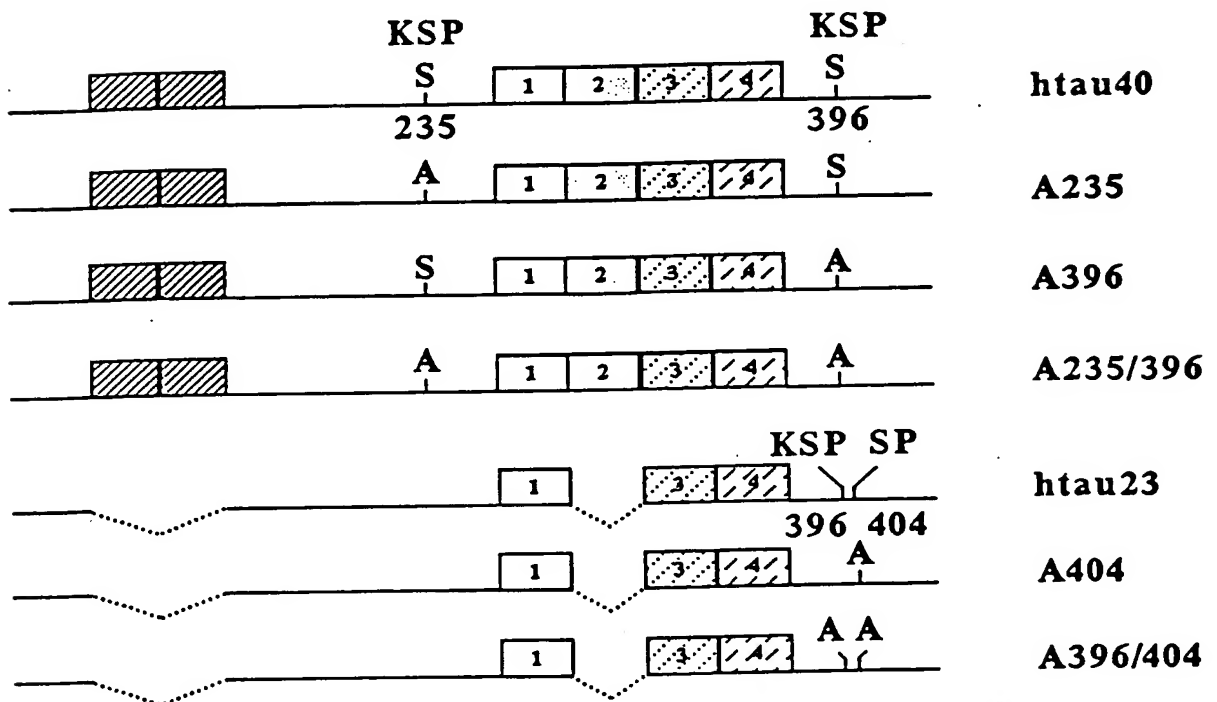
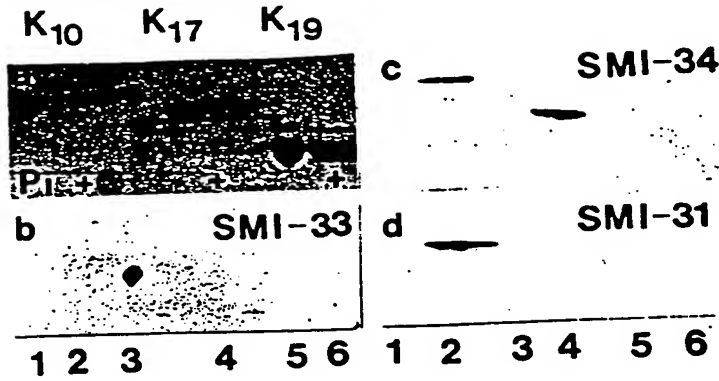
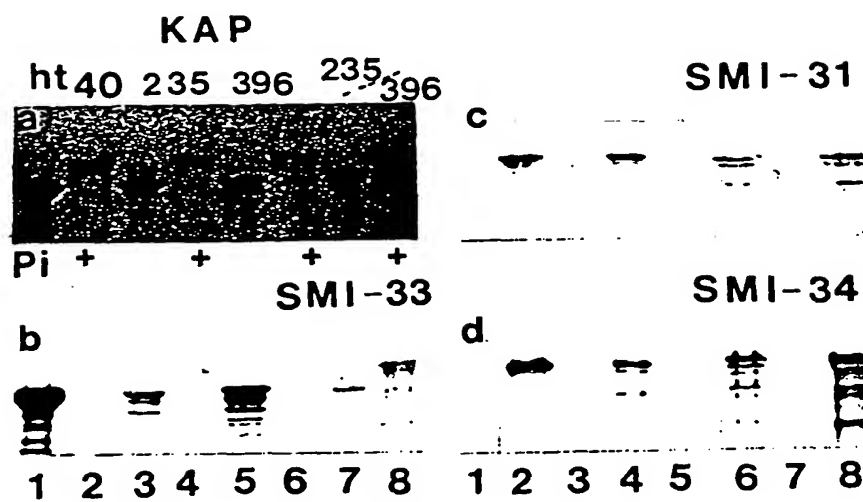


Fig. 15

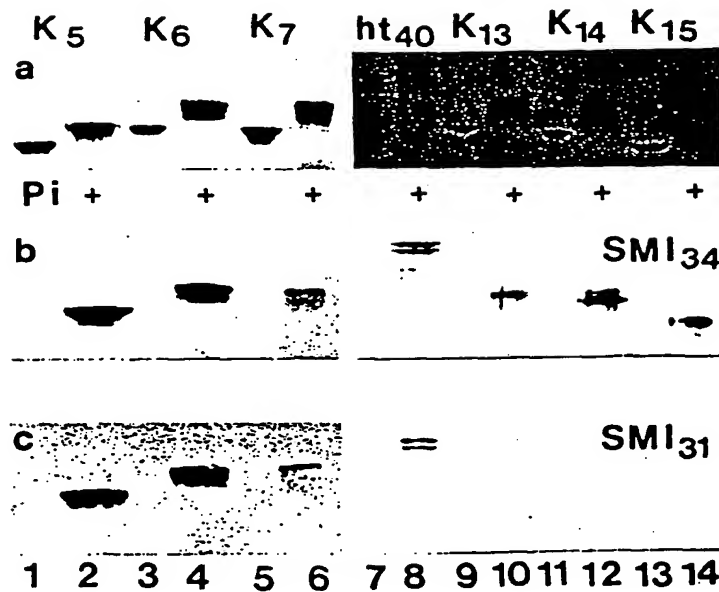
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Fig. 16



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Fig. 17



13A/33

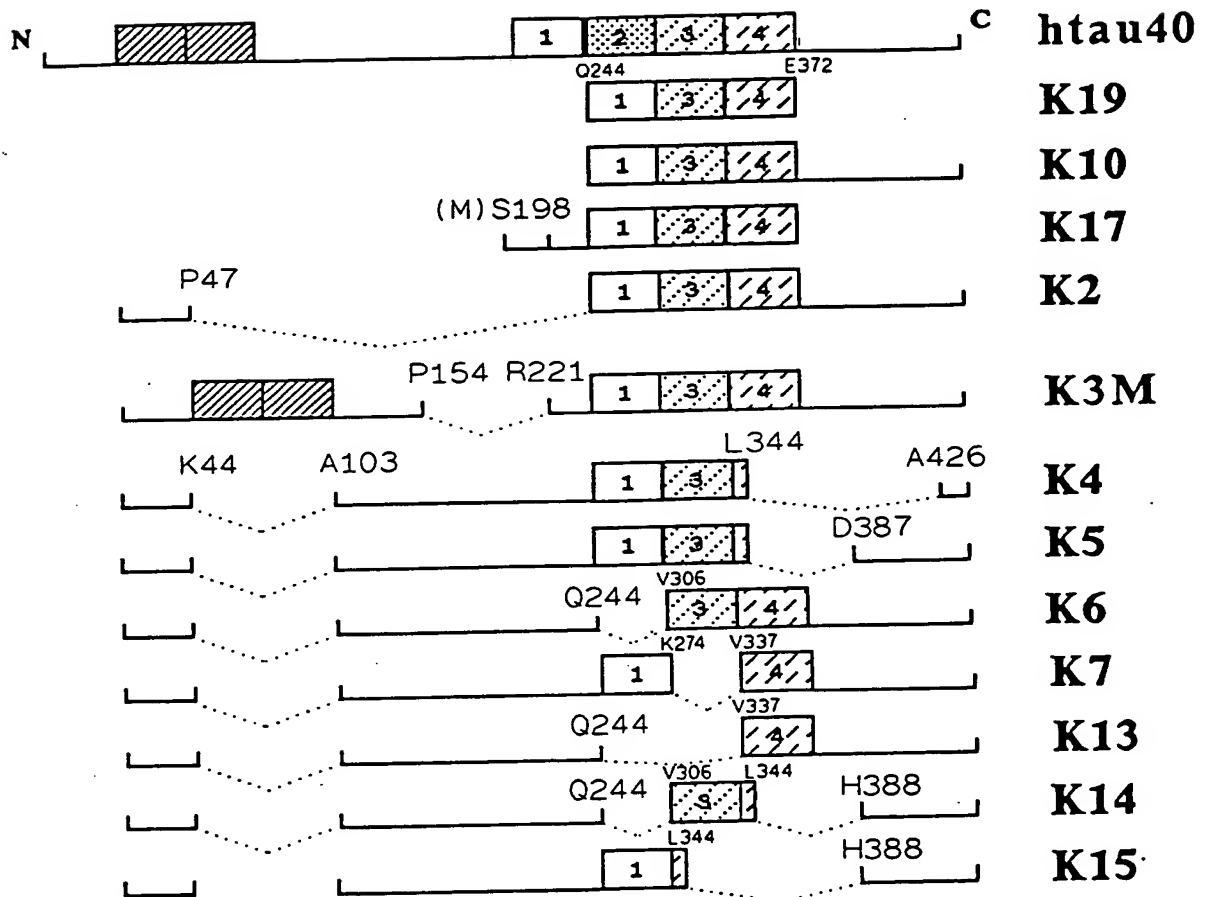


Fig.18

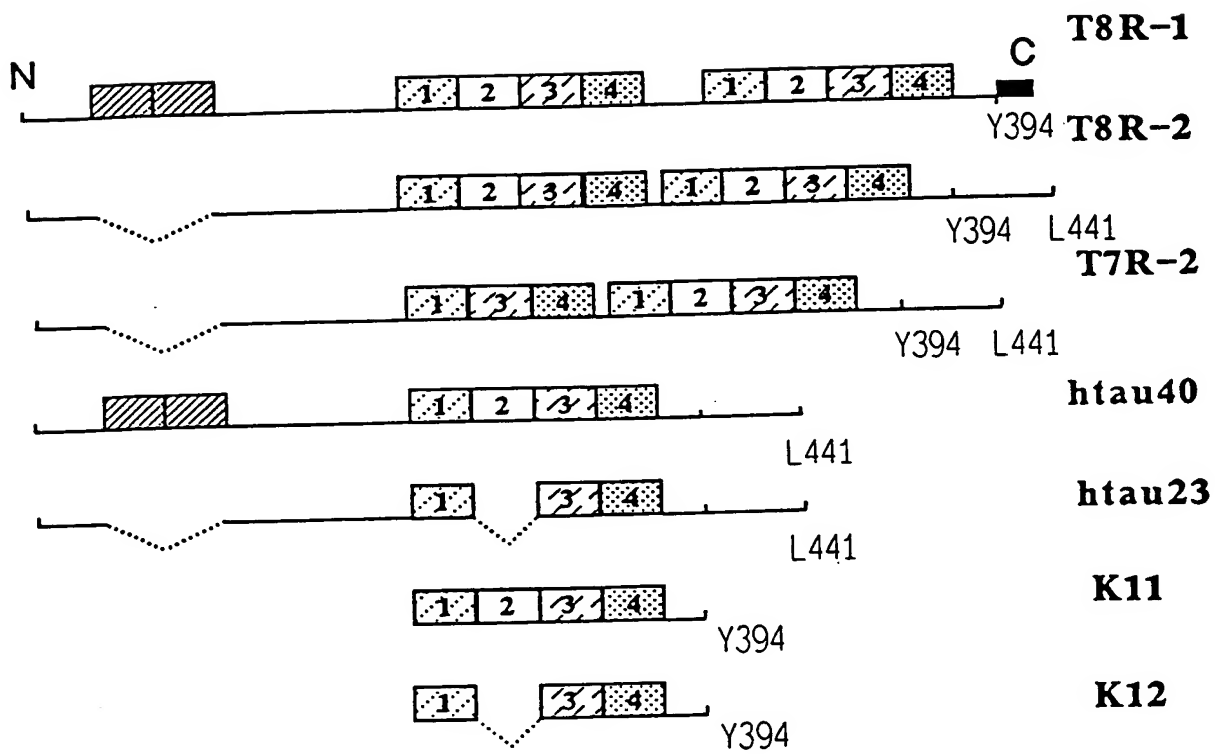
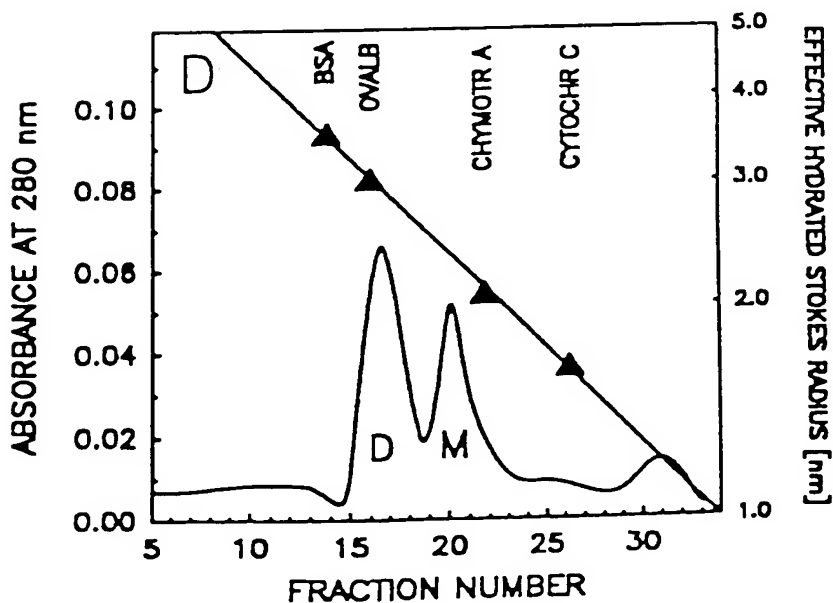
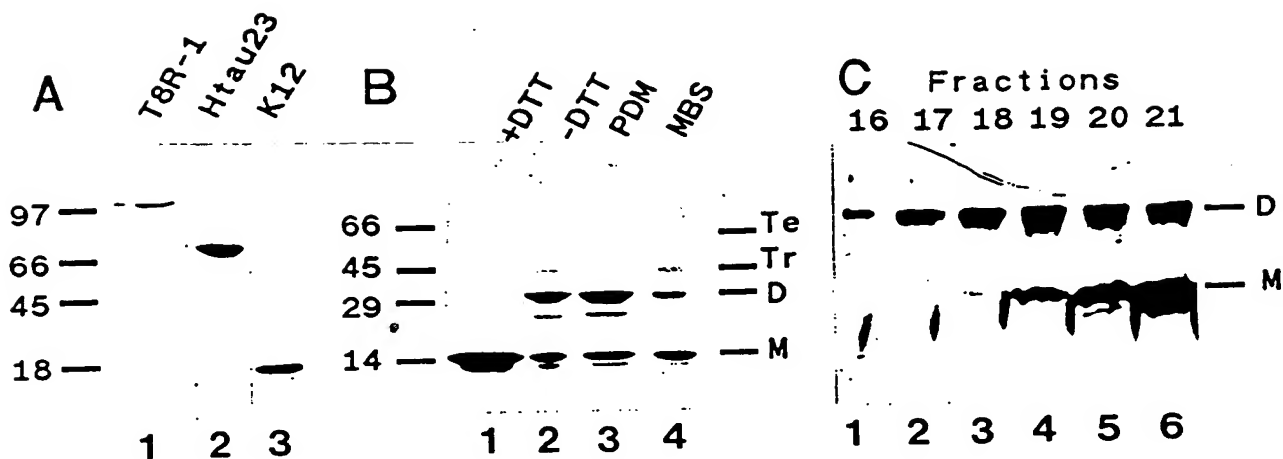


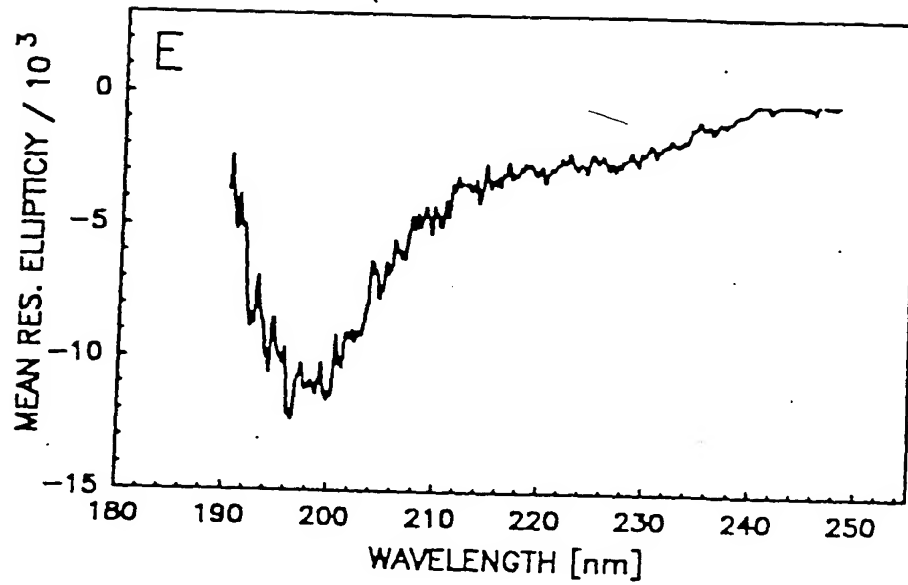
Fig.19

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Fig. 20

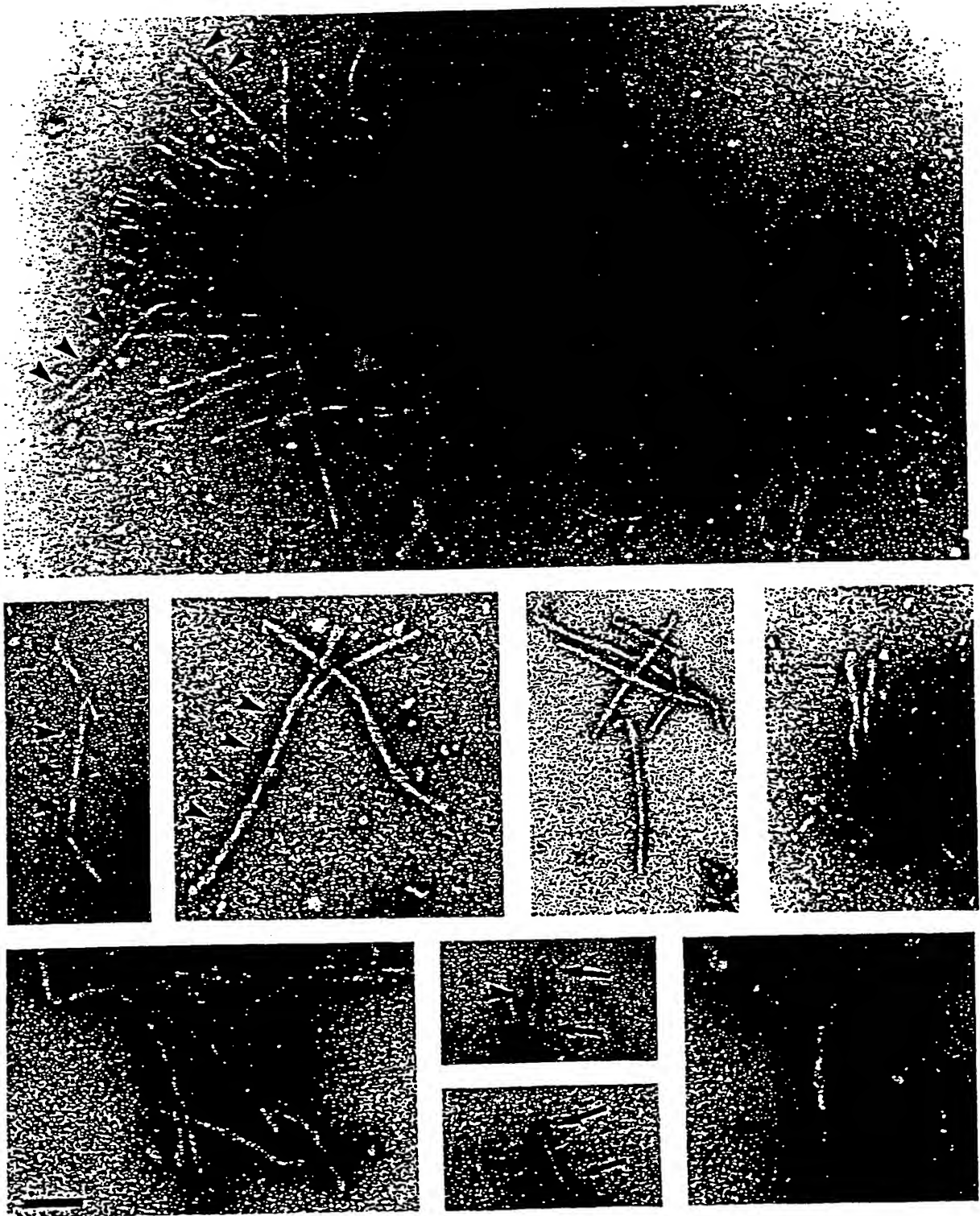


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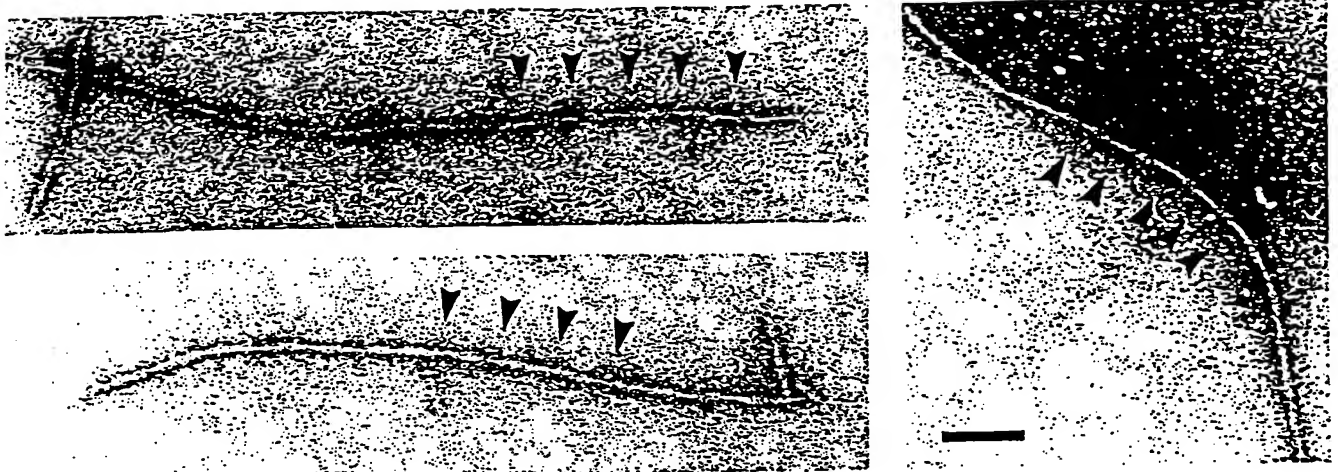
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Fig. 21



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PHFs from K12 PDM dimers

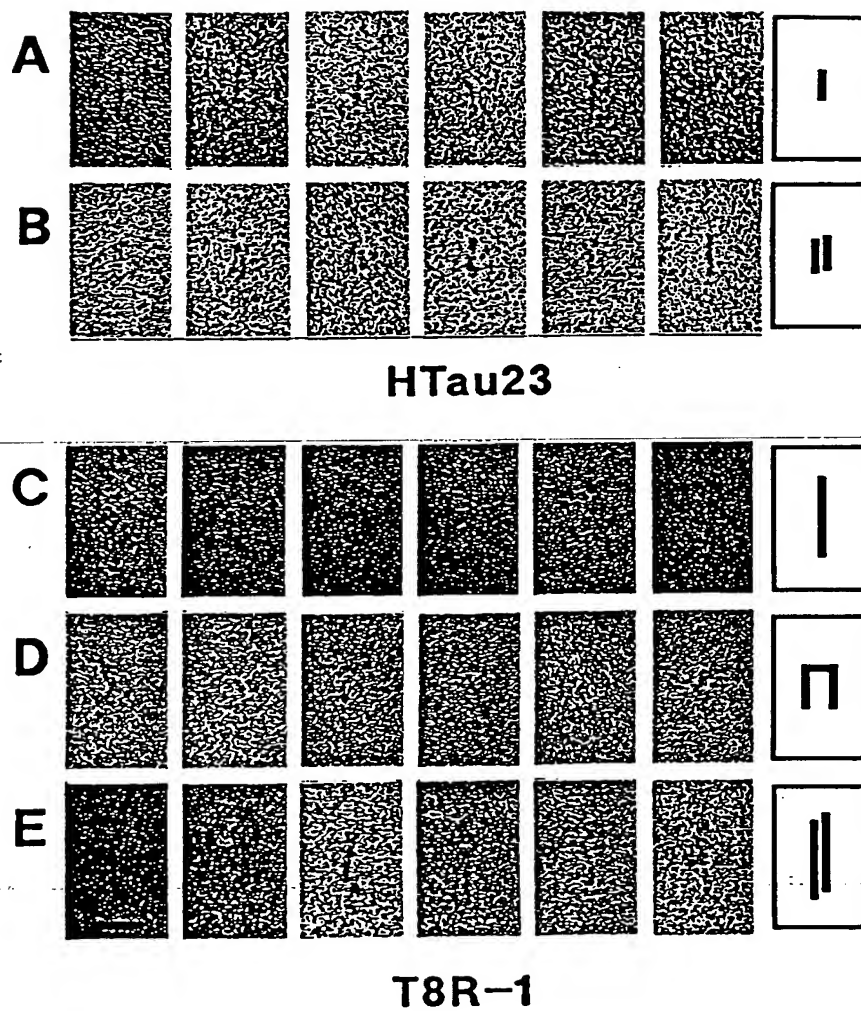
Fig. 22



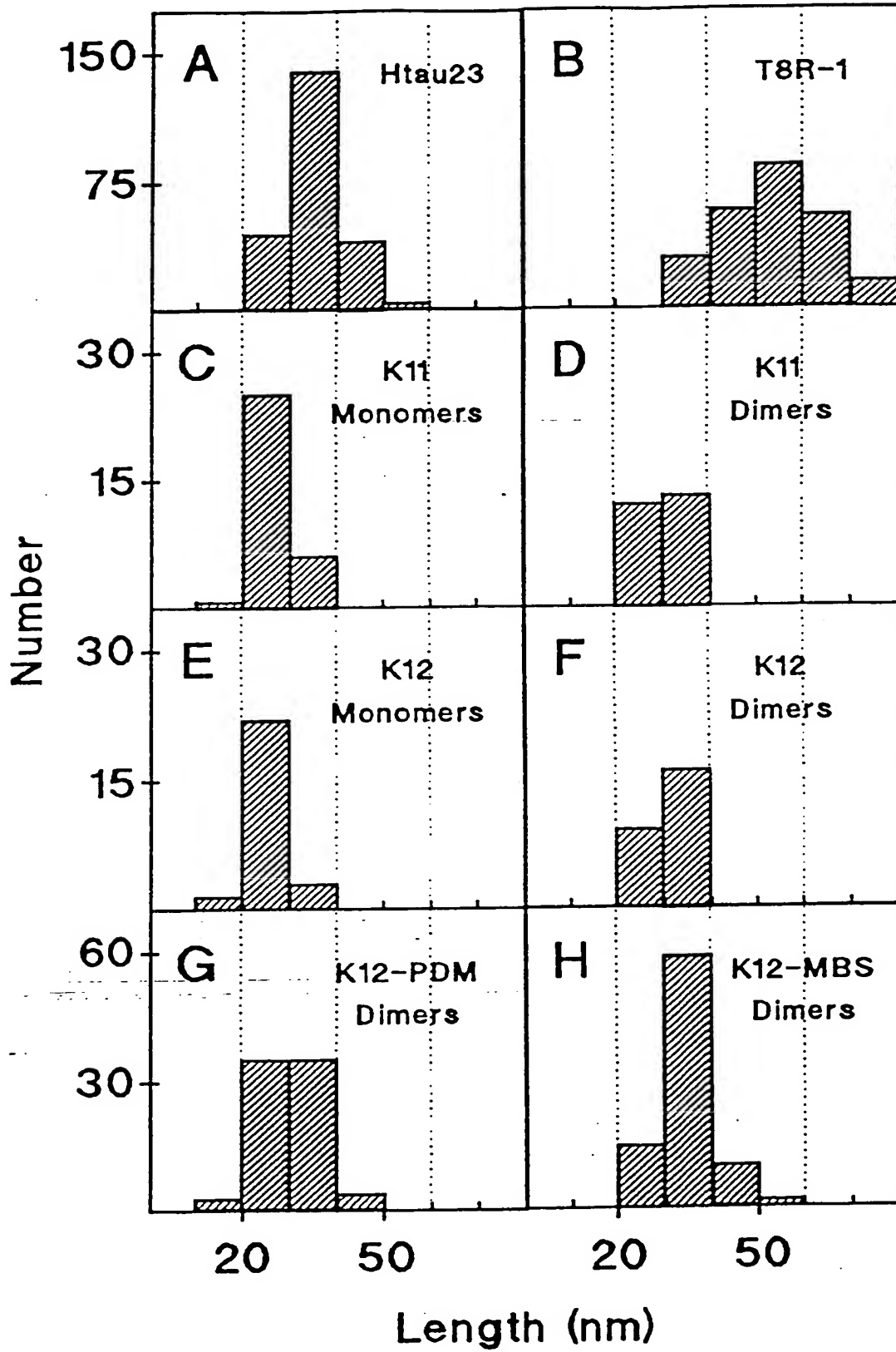
Fig. 23

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Fig. 24

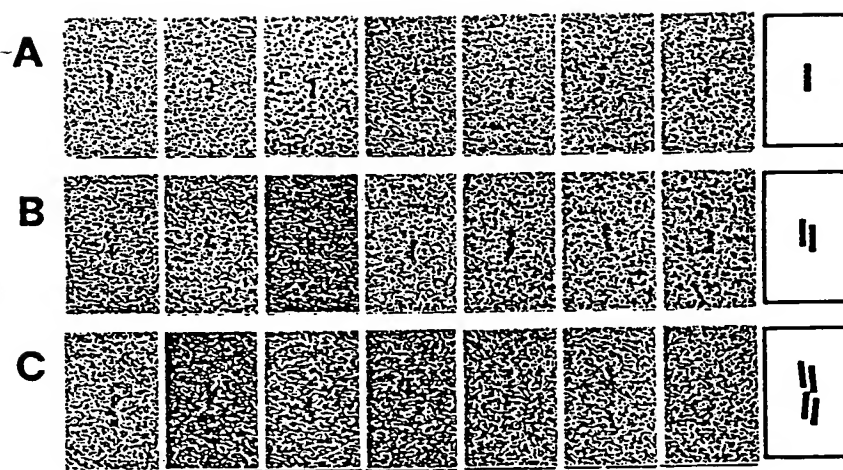


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 Fig. 25

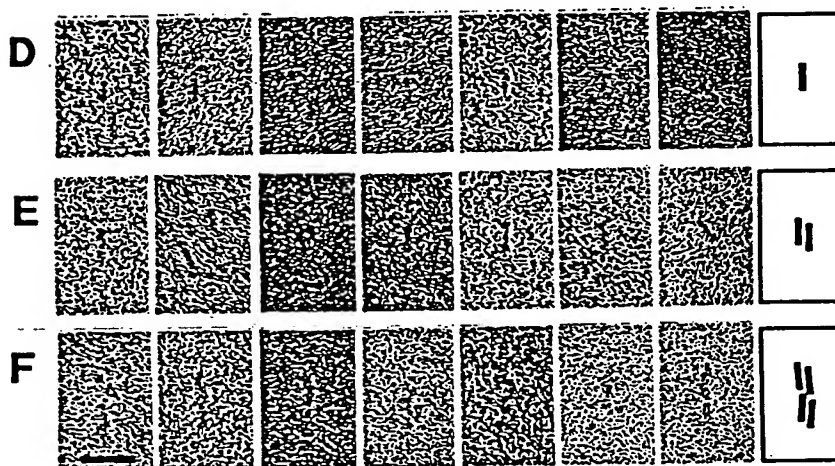


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Fig. 26



K11



K12

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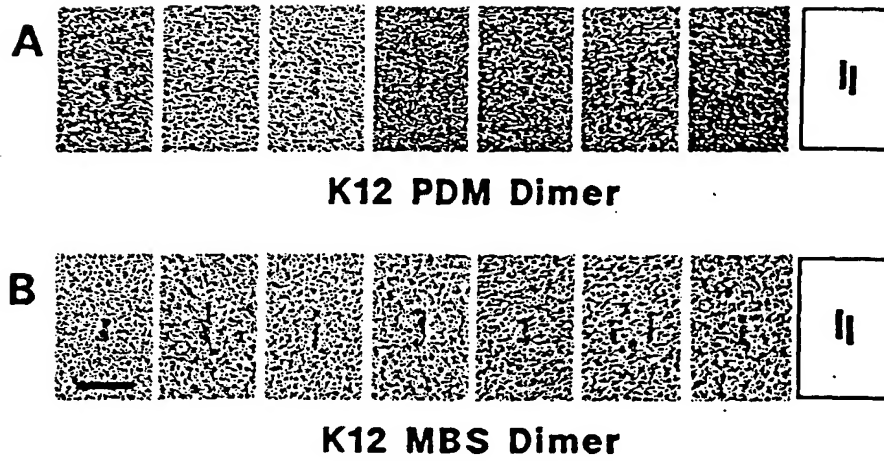


Fig. 27

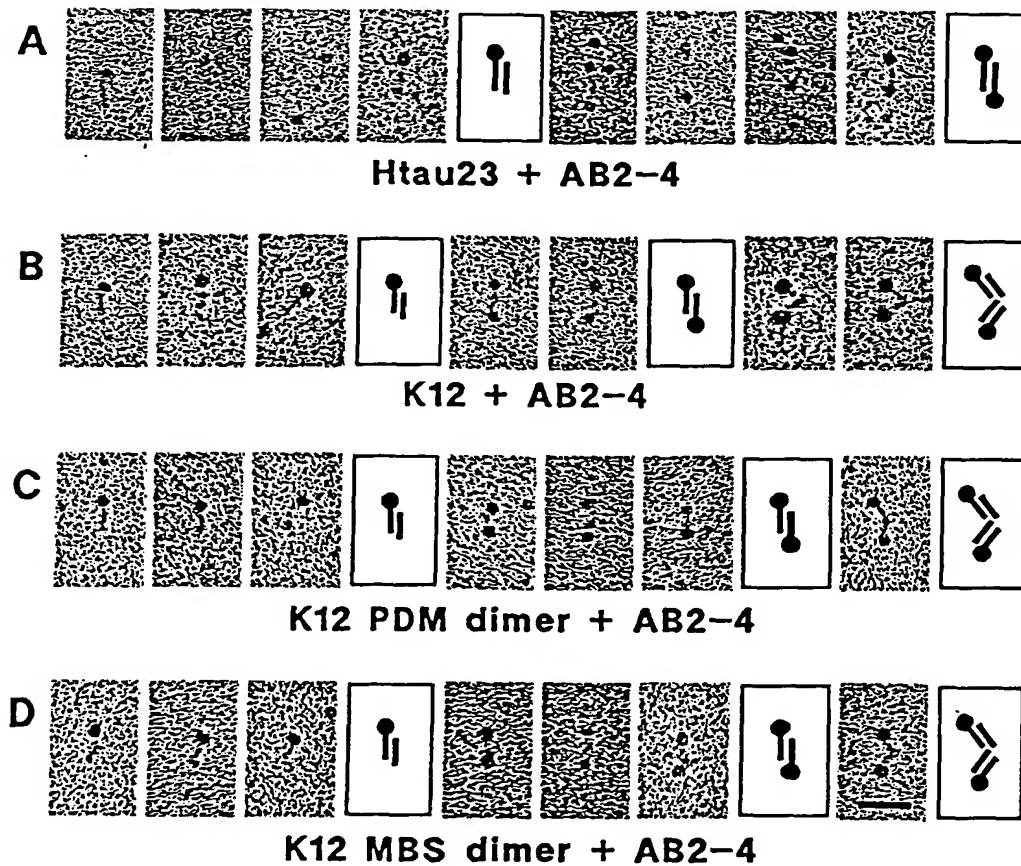


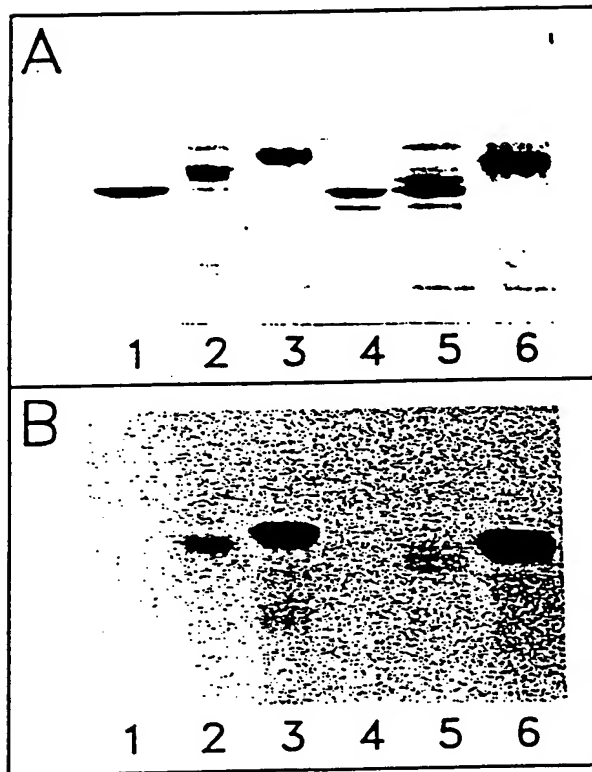
Fig. 28

Western blot analysis showing the time course of phosphorylation of AR, Tau-1, AT-8, SMI34, SMI31, and SMI33 in PC12 cells. The blots are arranged in seven horizontal panels, each labeled with a number and the protein name. The lanes are numbered 1 to 7 at the bottom, corresponding to time points 0, 0.3, 0.5, 1.0, 2.5, 6.0, and 20 hours. The bands represent the phosphorylated forms of the proteins. The intensity of the bands increases over time for all proteins, with SMI31 and SMI33 showing the most prominent bands at later time points.

Lane	1	2	3	4	5	6	7
Time (h)	0	0.3	0.5	1.0	2.5	6.0	20
1 PAGE							
2 AR							
3 Tau-1							
4 AT-8							
5 SMI ₃₄							
6 SMI ₃₁							
7 SMI ₃₃							

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Fig. 30



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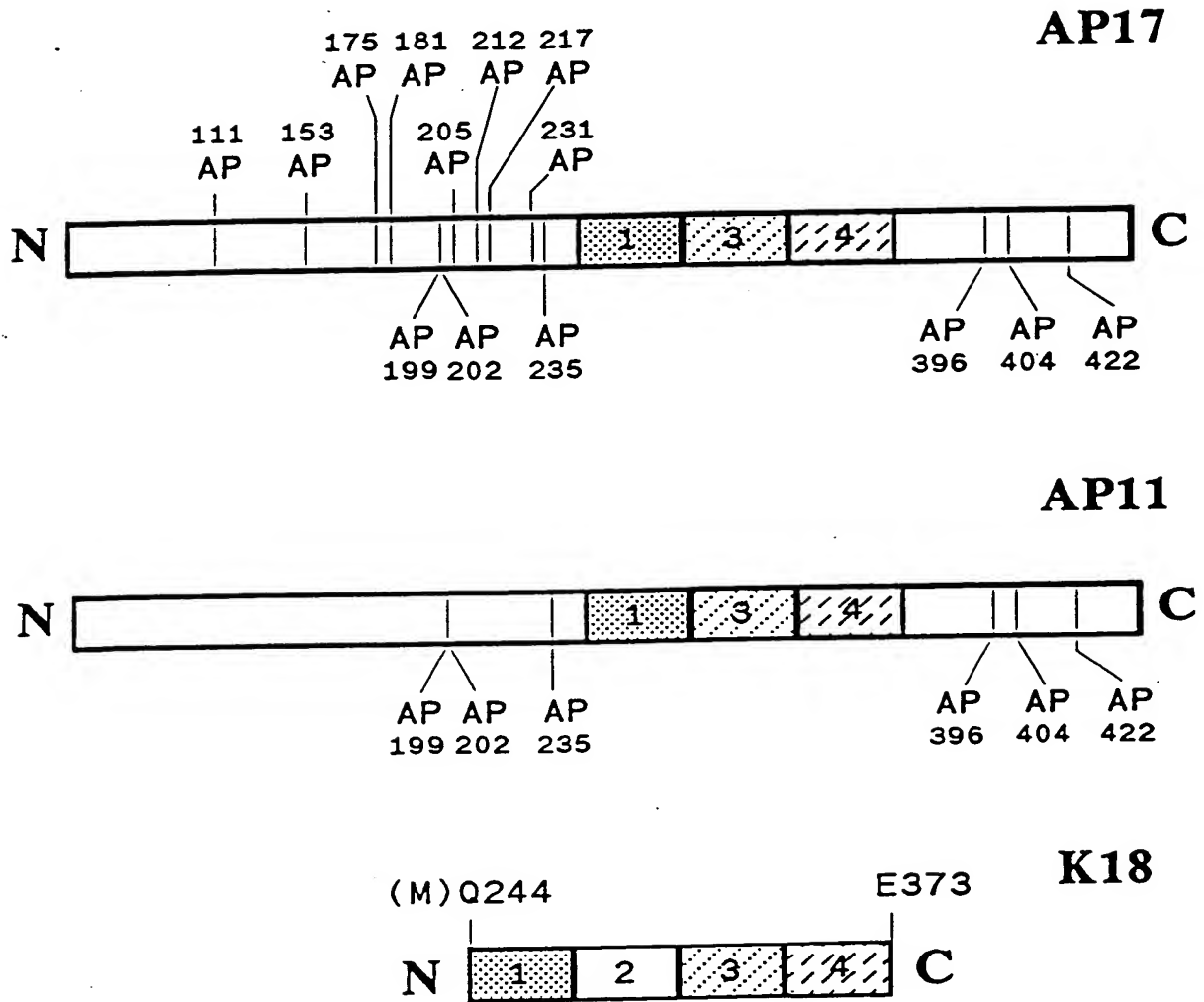


Fig. 31

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Fig. 32a

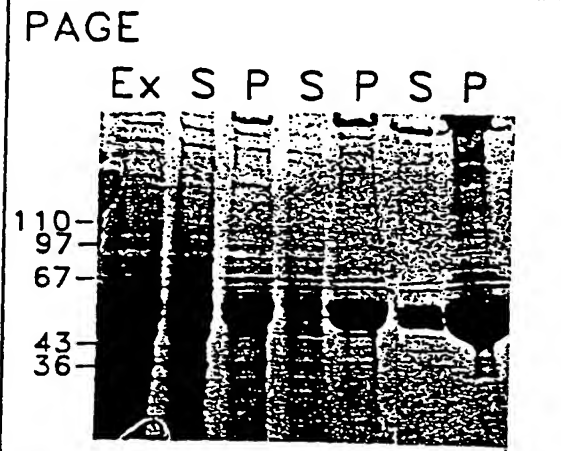


Fig. 32b

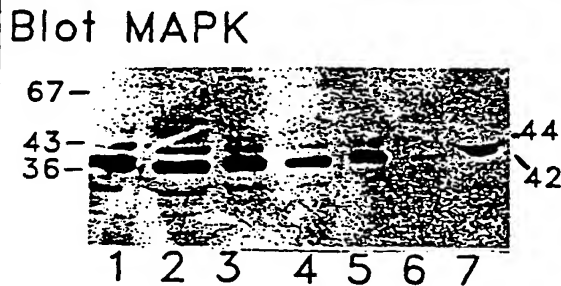


Fig. 32c

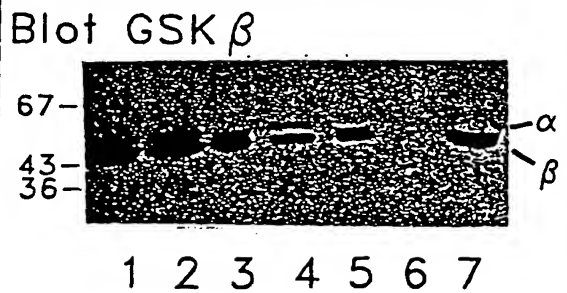
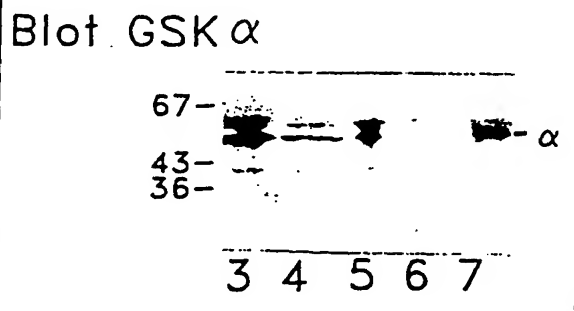


Fig. 32d



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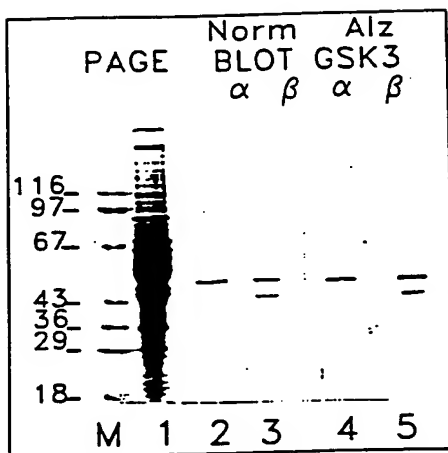


Fig. 33 a

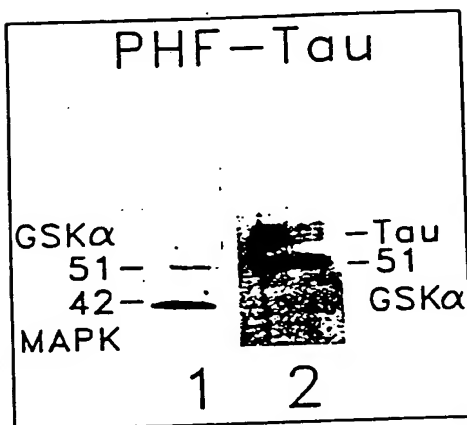
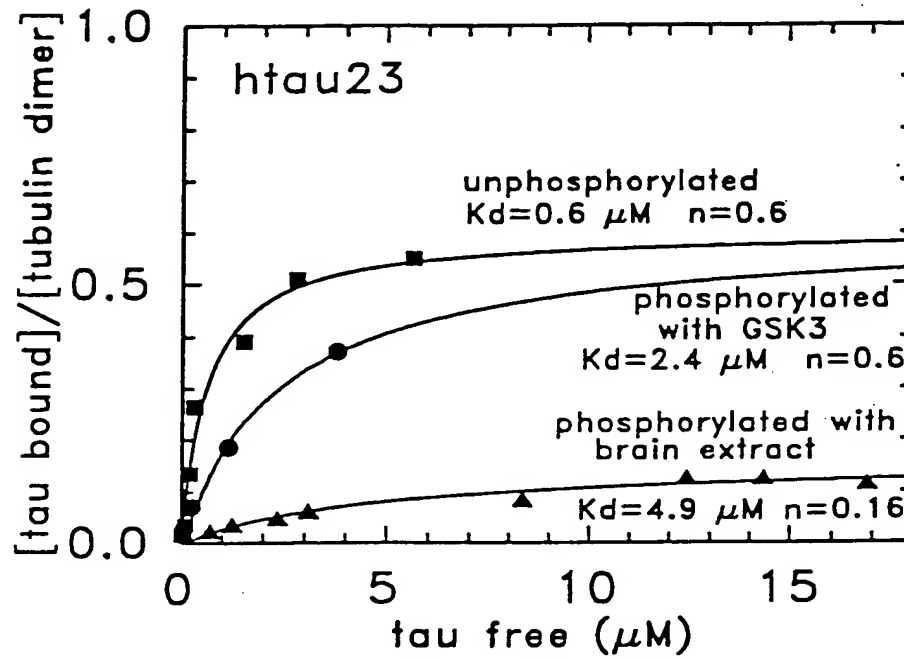


Fig. 33b

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Fig. 34



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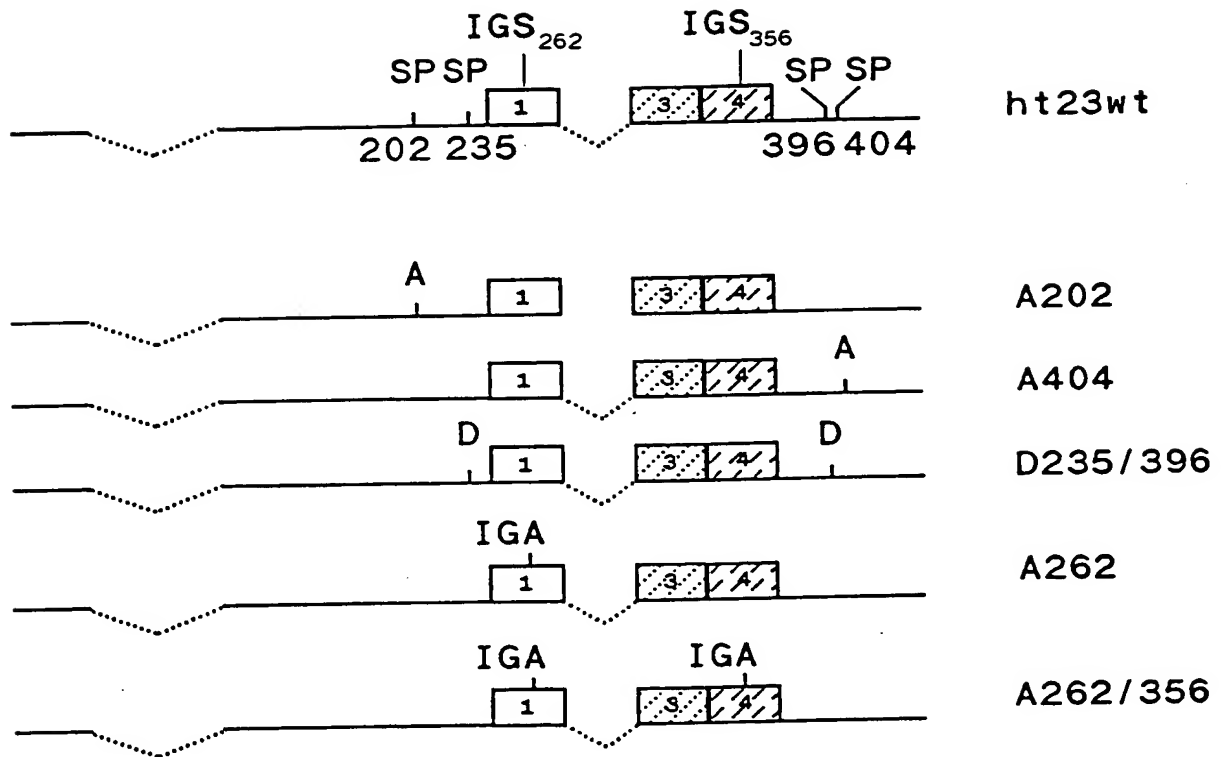
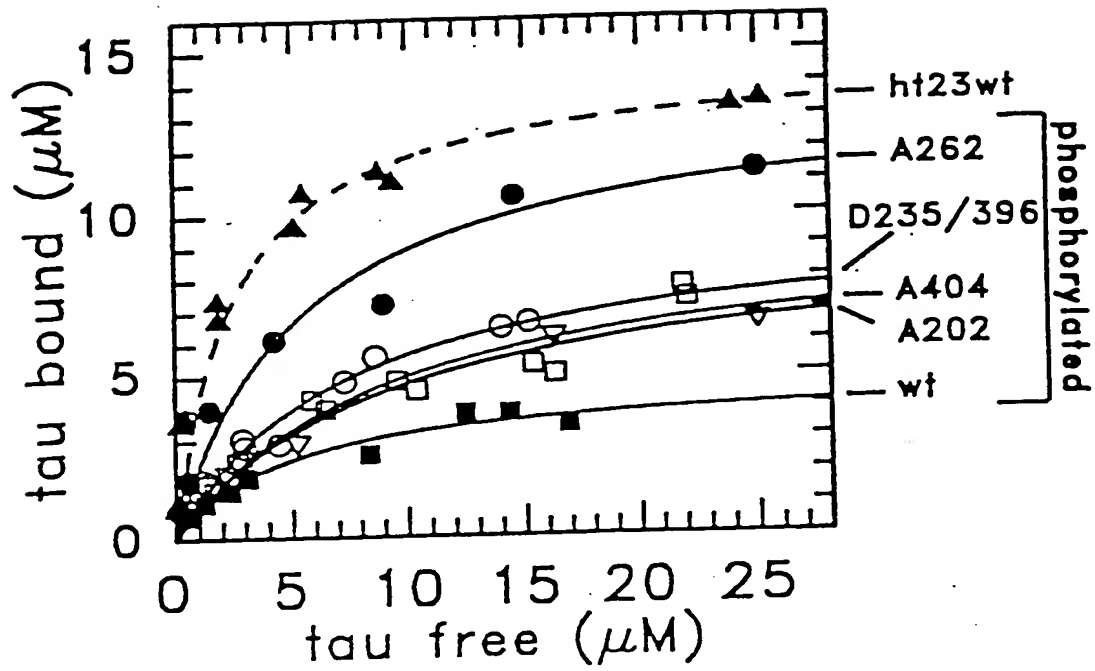


Fig.35a

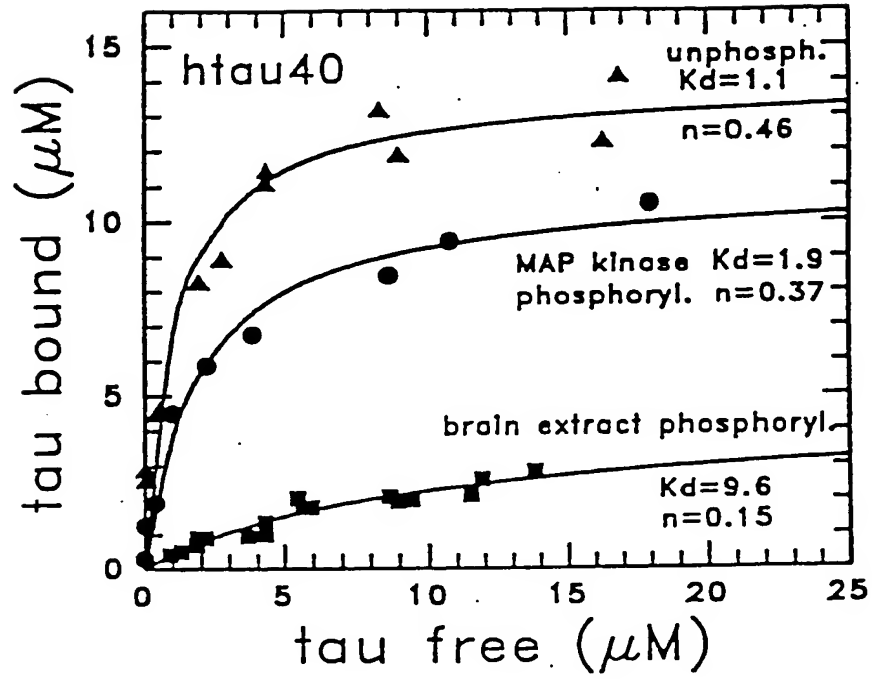
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Fig. 35b



25b/33

Fig. 36



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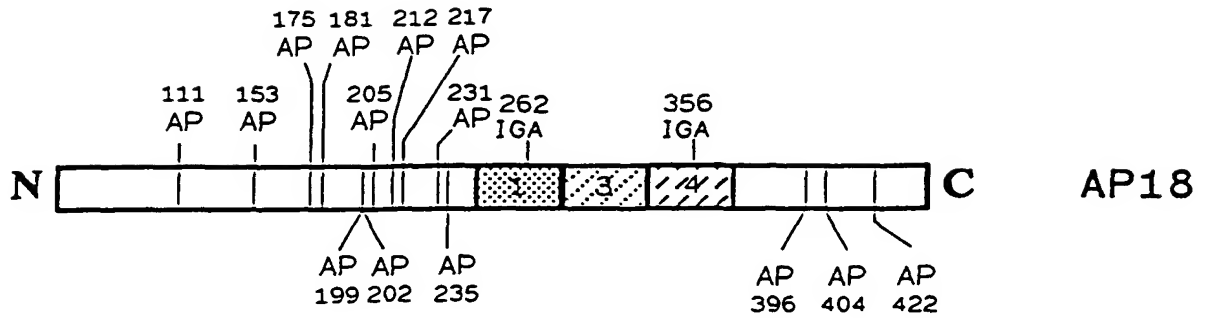


Fig. 37a

Fig. 37a

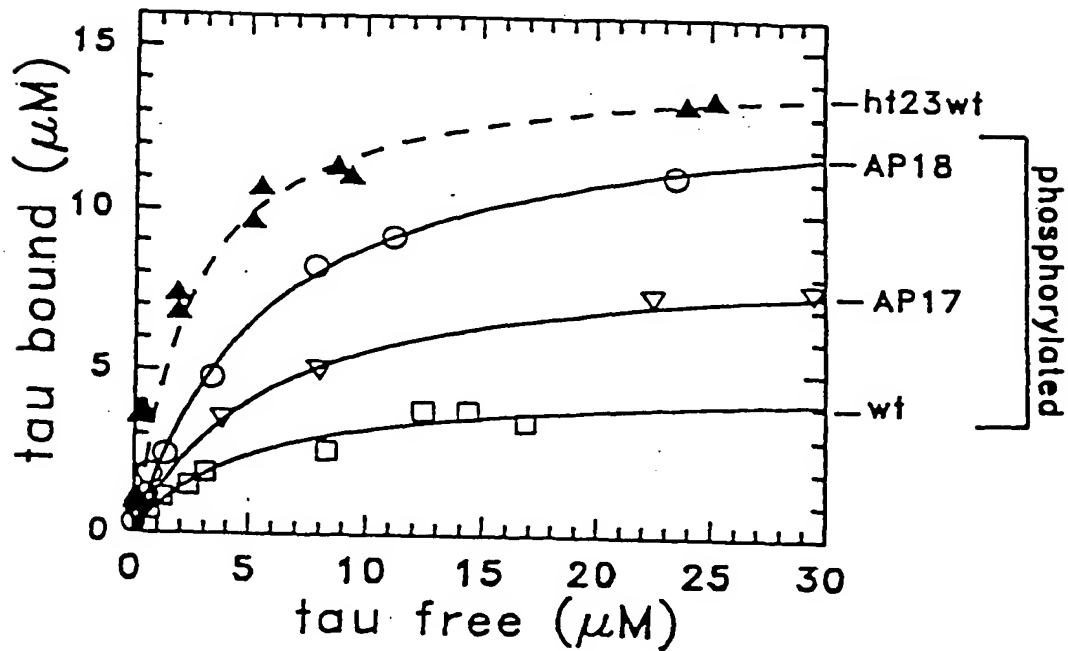


Fig. 37b

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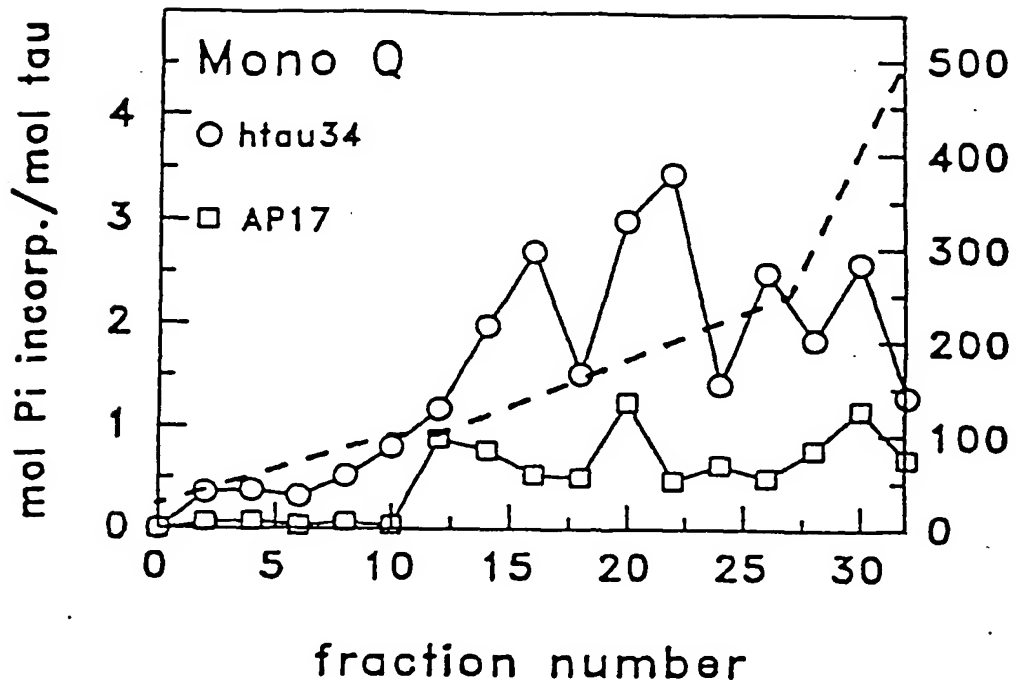


Fig. 38a

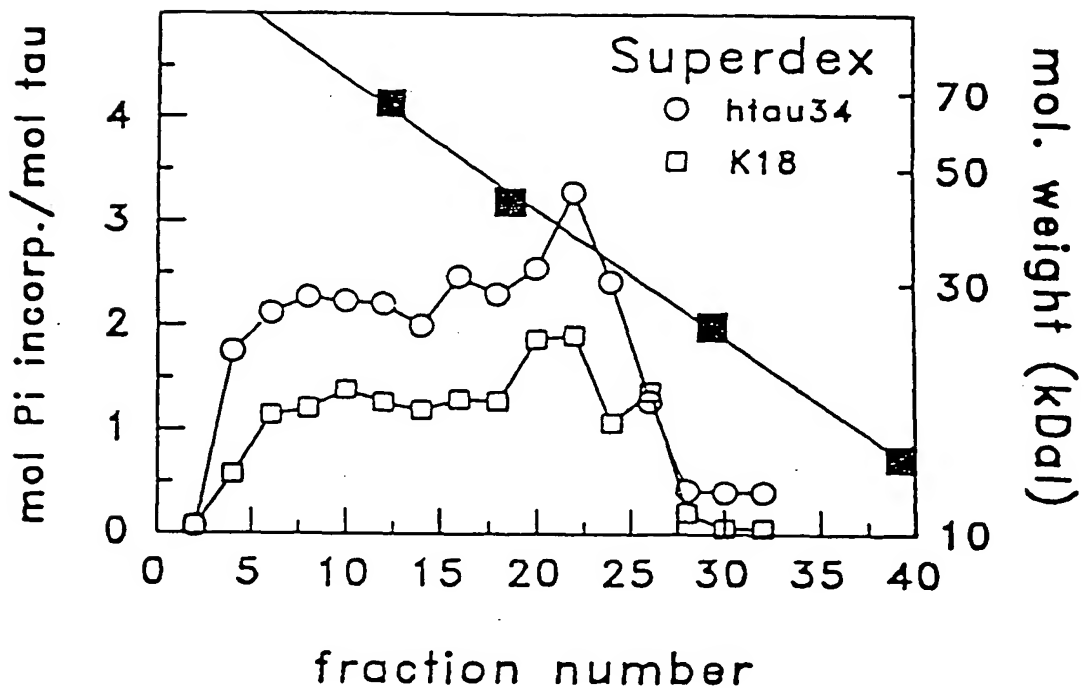


Fig. 38b

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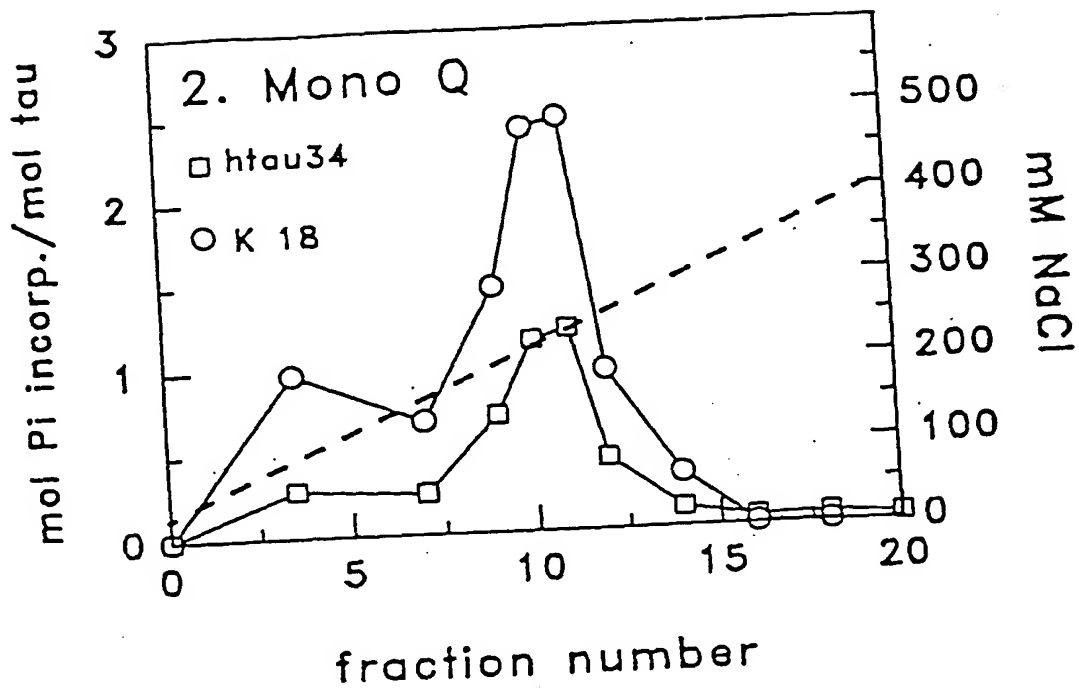


Fig. 38c

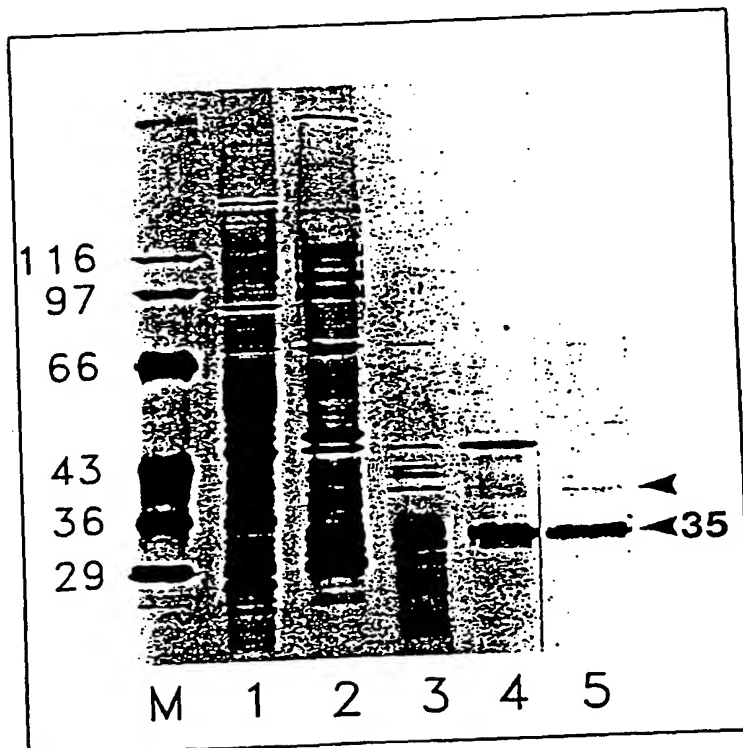
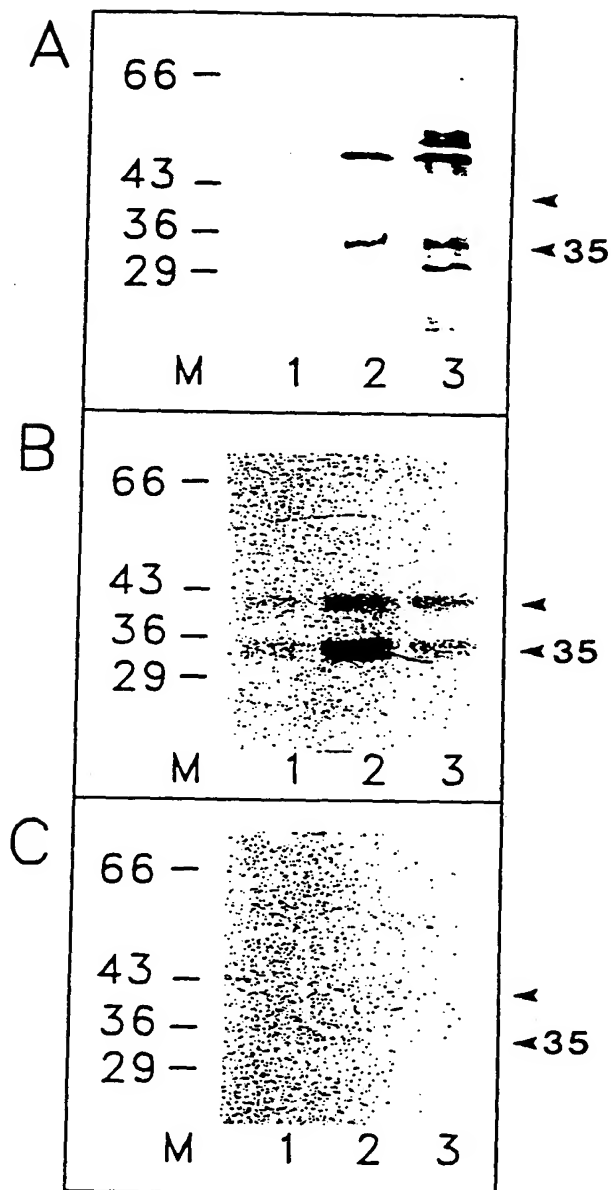


Fig. 38d

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Fig. 39



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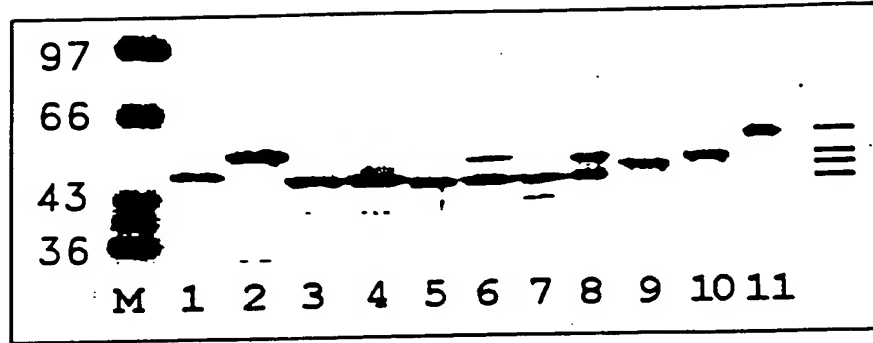


Fig. 40a

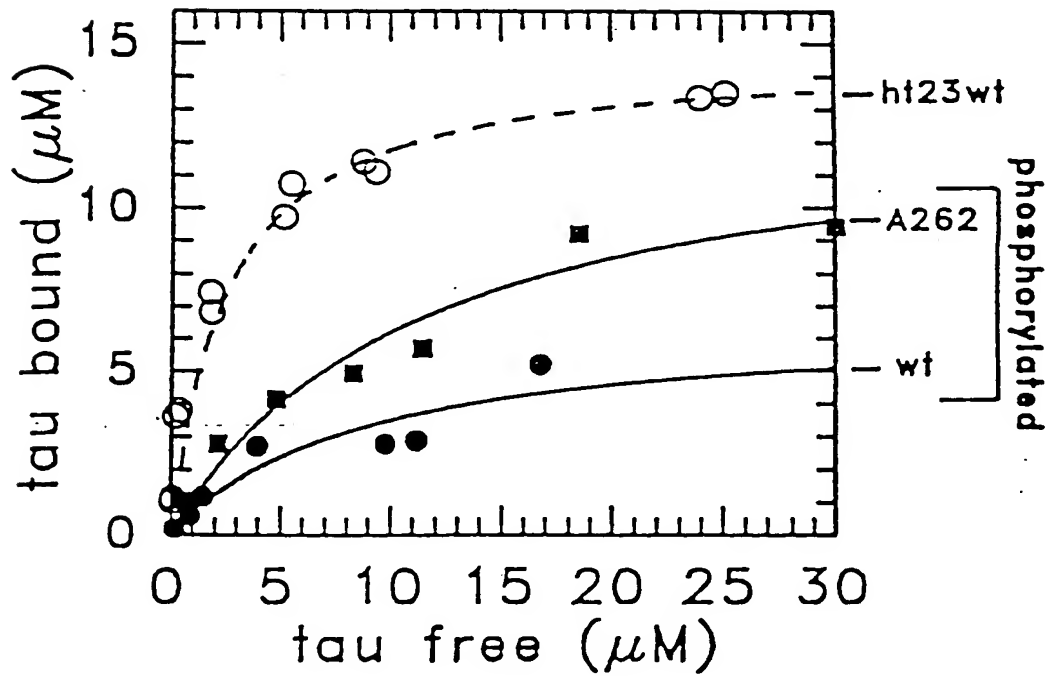


Fig. 40b

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Fig. 41

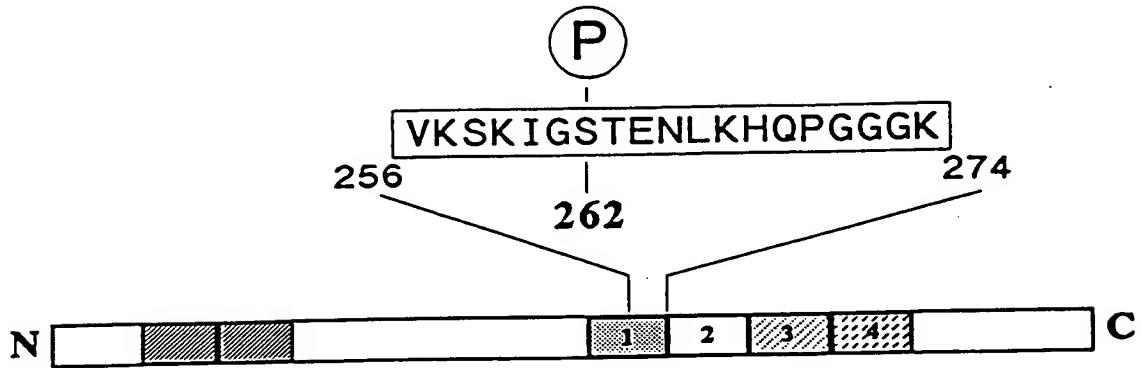


Fig. 41

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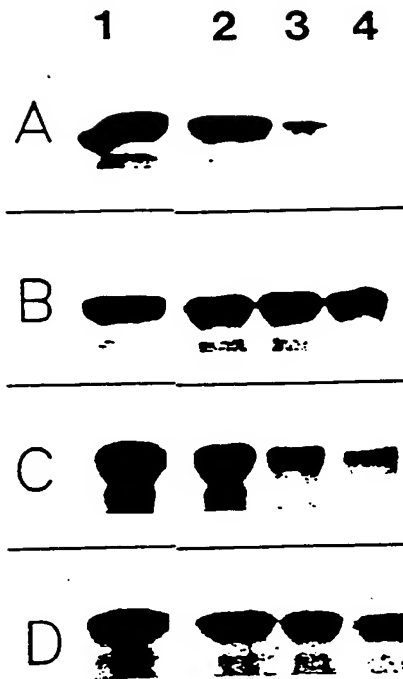


Fig. 42

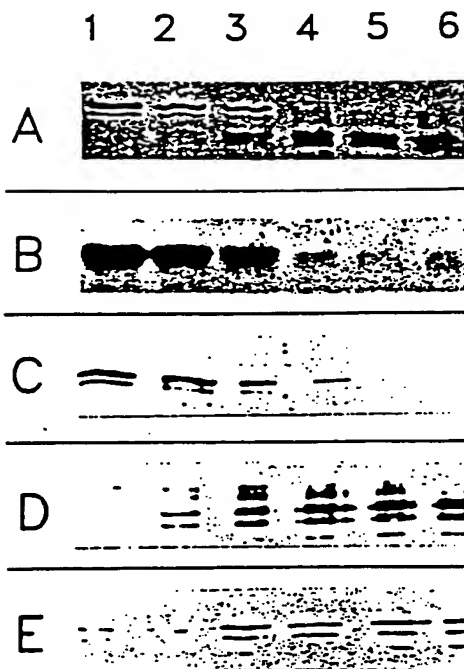


Fig. 43

Fig. 44a

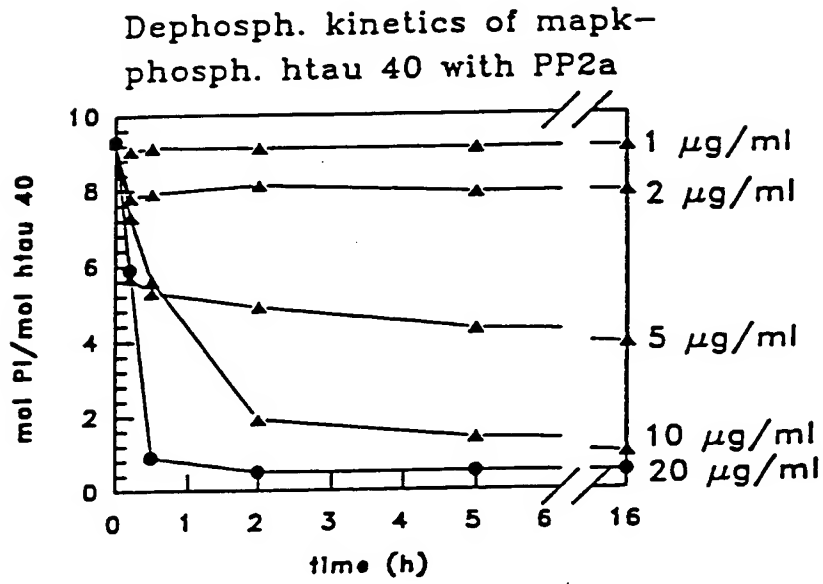


Fig. 44b

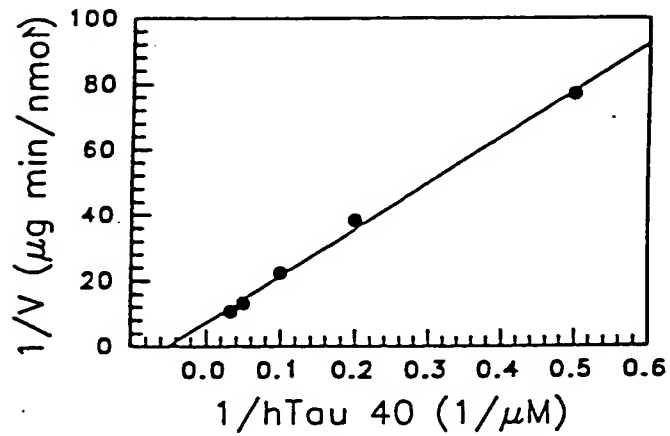
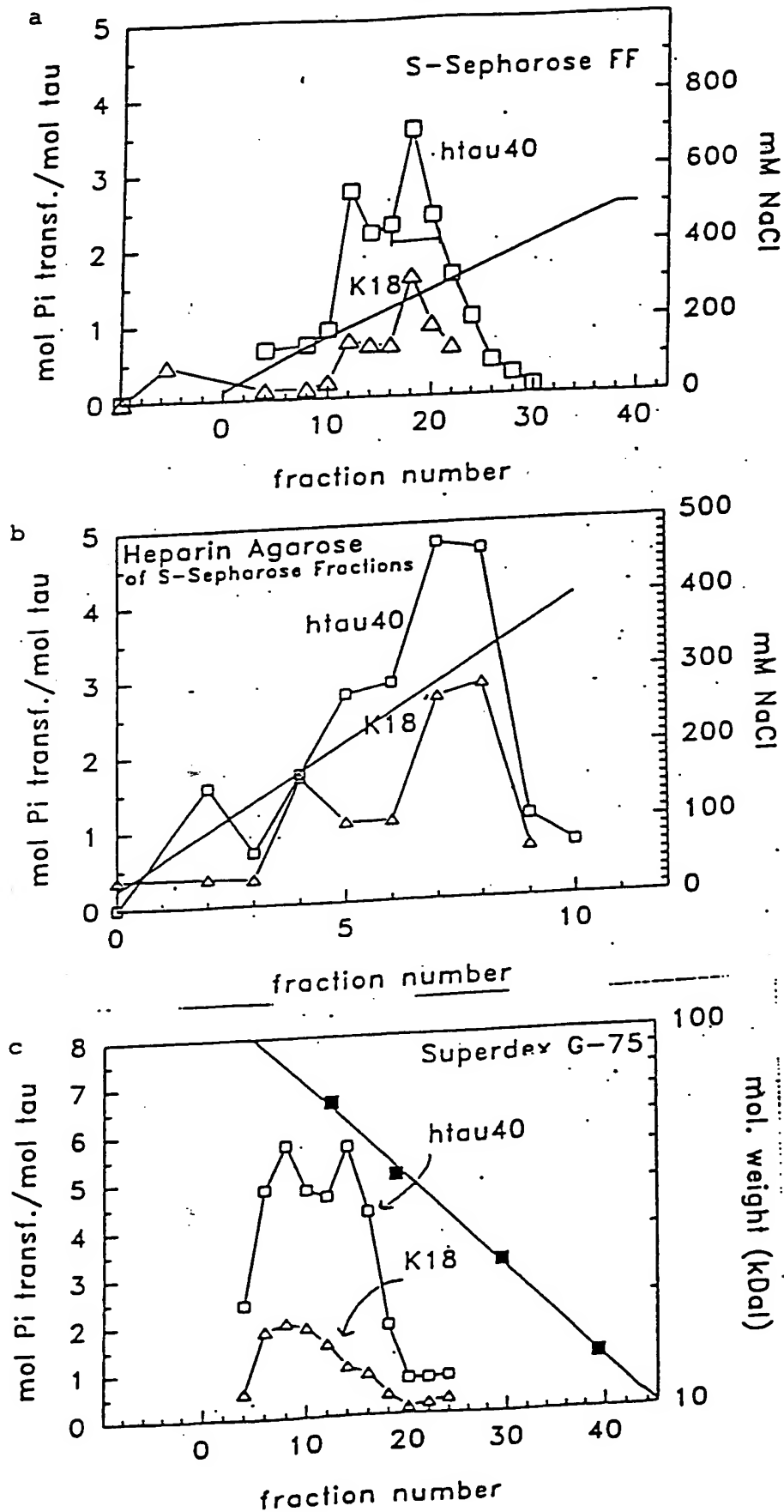


Fig. 45



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Fig. 46

